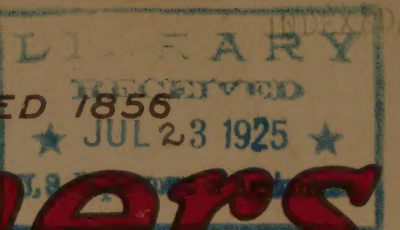


63.01
Canada
1923

ESTABLISHED 1856



Simmers Seeds 1923

LITTLE MARVEL PEAS
No 300, Pkt. 10c., $\frac{1}{4}$ lb. 20c.,
1 lb. 60c., 5 lbs. \$2.75
Delivered

UNRIVALLED
BIG BOSTON LETTUCE
No. 201, Pkt. 10c., Oz. 35c.,
 $\frac{1}{4}$ lb. \$1.00, 1 lb. \$2.90
Delivered



"JOHN BAER"
EARLY SCARLET TOMATO
No. 428, Pkt. 10c., Oz. 75c.,
 $\frac{1}{4}$ lb. \$2.50
Delivered

SIMMERS
GOLDEN BANTAM SWEET CORN
No. 148, Pkt. 10c., $\frac{1}{4}$ lb. 20c.,
1 lb. 55c., 5 lbs. \$2.30
Delivered

J.A. SIMMERS, LIMITED

147 KING ST. EAST
TORONTO, CANADA.

D. N. Shoemaker.
FEB 19 1923

ORDERING SEEDS BY MAIL

This information is given for the purpose of assisting those who order by mail and to avoid all misunderstanding and aggravating delays in receipt of goods.

CHARGES PREPAID We prepay delivery charges on all seeds in this Catalogue except otherwise quoted.

SEND YOUR ORDERS EARLY By so doing you are sure of getting your order filled promptly and in full. We endeavor to ship all orders promptly, but during the rush season this entails tremendous effort on the part of our staff, therefore, if you can send your order early, it would be appreciated.

Owing to unfavorable conditions some varieties of seeds will be short this season. In such cases we will substitute to the best of our judgment unless otherwise instructed.

SEND CASH WITH ORDER Remittances should be made by Post Office Order, Postal Note, Express Money Order, Bank Draft, or Registered Letter. Money sent in any of these ways will ensure the minimum risk. Small amounts may be sent in stamps. We can now forward goods by mail C. O. D. but it is necessary for the customer to allow 15c. for charges and to send 25% of the value of the order in cash.

NAME AND ADDRESS Be sure and write your name and Post Office address plainly (giving street and number, where necessary), as we very often get letters without signature, and others without the Post Office. In such cases we are, of course, unable to give them proper attention.

CORRESPONDENTS should always sign their names alike each time. Ladies very often sign their husband's name in sending an order, and then again their own name in making enquiry about it, or vice versa. This leads to confusion. Should you make any change in your permanent address, please notify us, that we may be able to forward our Catalogue to you.

SHIPPING INSTRUCTIONS When ordering goods that cannot be sent by mail, always state whether you wish shipment by freight or express; also give the name of the railway and the express office to which goods are to be shipped. In the absence of such instructions we use our best judgment, but assume no responsibility further than delivering to the transportation company in good condition.

FLAG STATIONS Goods ordered shipped to any flag station must have **FREIGHT PREPAID**. Please allow for same in remittance, otherwise we will ship to the nearest station.

EXTRA CATALOGUES Should you receive an extra copy of our Catalogue, or have no use for this one, kindly hand it to someone who would buy seeds by mail.

DELAYS AND ERRORS Should you not receive your seeds, etc., in a reasonable time after sending your order, advise us of the fact, enclosing a duplicate order and state the date the order was mailed, the amount of money enclosed; and in what form. On receipt of this we will at once investigate the matter, but if duplicate order is not sent we cannot do so promptly. Should any error occur we desire to be informed of it, and promise to make such corrections as will be perfectly satisfactory.

OUR PRICES It is our constant aim to make highest quality a first consideration, and then to make our prices as low as good, honest seeds can be sold. Our prices for seeds of the highest standard of excellence, therefore, will in all cases be found to compare favorably with those of any other reliable house. "Our success achieved can only be maintained by methods that obtained it."

NON-WARRANTY Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which render it impossible to guarantee success. We, therefore, give no warranty, expressed or implied, as to description, quality, growth, productiveness, kind, or any other matter, of any Seeds, Plants or Bulbs we sell; nor will we hold ourselves in any way responsible for the crop. If the purchaser does not accept the goods on these conditions, they must be returned at once, and the money that has been paid will be refunded. Agents are not authorized to change the above conditions and terms of sale.

J. A. SIMMERS, Limited, TORONTO
147-151 KING STREET EAST

Root Maggots Have Had Their Day



Makes it possible to grow bigger and better crops of Cabbages, Onions, Radishes, Turnips, etc. Root Maggots have been one of the worst pests this country has ever known. Many have given up growing some crops on account of them. Others have persisted in trying but have met with partial or complete failure year after year. Thousands have written to the Agricultural College for a remedy and have been answered that after many years of experimenting they were not yet able to suggest any practical cure. **MAGOTITE** is a cure for this serious evil.

MAGOTITE acts as a preventative by repelling the fly which lays the eggs from which the maggots are hatched. It will also destroy maggots which are already in the soil. It is not a new experiment, it has been thoroughly tested during the past few years and it has been proven that it will do the work. It was intended primarily as a remedy for Root Maggots but has proven very effective on other insects, among which are Strawberry Crown Borer, Cabbage Worms, Asparagus Miner, Flea Beetles, Worms and all kinds of slugs. It is very inexpensive and easy to apply, simply scatter a generous quantity of it on the ground before sowing the seed, mixing it into the soil in rows. One or two applications should be given later after the plants are up by scattering it on the ground around the plants and working into the soil by cultivation. It will not injure the plants. Try it, the results will astonish you.

Price 2 lb. 50c, 4 lb. 90c, 8 lb. \$1.50, 25 lb. \$3.75, 100 lb. \$12.00 F. O. B. Toronto. Add 10c a lb. for Postage if sent by mail.

"Simmers' Vegetable Garden" and "Hints on Growing Flowers" will be sent FREE to everyone sending in an order amounting to \$2.00 or over. An order for \$1.00 entitles you to your choice of either book.



YOU CAN OBTAIN EITHER
OR BOTH OF THESE BOOKS
FREE

A LIBRARY of USEFUL INFORMATION

WHAT to plant, how to plant, and when to plant. These questions and many others are fully answered in "Hints on Growing Flowers" published by J. A. Simmers Ltd. and given FREE with every order amounting to \$1.00 and upwards.

We cannot do better than quote the following remarks by the Author in the opening chapter of "Hints on Growing Flowers":

"The Flower Garden should be an adjunct to every home. This booklet is intended to give a brief outline for the management of the Flower Garden".

Amongst the many subjects dealt with in "Hints on Growing Flowers" are the following: "Making Flower-beds and composts"—"Form of the Bed"—"When to make the Bed"—"Planting the Seed"—"Transplanting"—"Starting Plants in the House or Hot-beds"—"The Care and Cultivation of the Flower-bed"—"What to plant in April"—"What to plant in May"—as well as "Special Directions" for the growth of the most popular flowers from seeds.

If you are in doubt as to what to plant for fragrance, consult "Hints on Growing Flowers".

If you want to know the names of the "Old-fashioned" flowers, "Hints on Growing Flowers" will tell you.

If you are uncertain as to the best seeds to sow for cut flowers, bouquets or vases, turn to page 33. In short, "Hints on Growing Flowers" is a veritable storehouse of useful information, of benefit to both the amateur and professional gardener.

SIMMERS' Vegetable Garden" (revised edition) contains a wealth of information that will be of great assistance not only to the novice, but to the more experienced gardener and planter. Good vegetables can only be produced from high class seed, and with a view to assist those who sow Simmers' Seeds, we are giving free with every order of \$1.00 and upwards a copy of "Simmers' Vegetable Garden". This booklet contains many valuable hints and suggestions which if properly carried out will ensure for the planter a due reward for his labor.

"Simmers' Vegetable Garden" in addition to its helpful suggestions in connection with the growing of Vegetables, and the proper way to cook them, also contains some valuable hints on the culture of flowers from seed. Its 48 pages are full of just such information as the average grower of vegetables and flowers will appreciate, and in conjunction with its sister booklet "Hints on Growing Flowers" forms a most valuable addition to the library of all who are interested in the culture and growth of Vegetables and Flowers. An order of \$1.00 entitles you to a copy of "Simmers' Vegetable Garden" FREE.

J. A. SIMMERS LIMITED

147 KING STREET EAST

TORONTO

SIMMERS' LAWN GRASS SEED

Our GRASS SEED is the best for our Canadian Climate. With it you can have LAWNS, GRASS PLOTS, CRICKET GROUNDS, GOLF LINKS, TENNIS COURTS, Etc., as soft as velvet, and as Green as emerald all summer long.



Simmers' "Toronto Parks" Lawn Grass Seed.

A beautiful lawn, with its close, velvety turf, is a most essential feature in the adornment of our suburban homes—without it the finest flowering plants and bedding seem insignificant, while with it handsome grounds are assured, even with no other adornment.

SIMMERS' "TORONTO PARKS" LAWN GRASS SEED

Will form a close, thick turf in a few weeks' time with no tendency to stool or grow in clumps. It roots deeply and withstands severe drought without turning brown, maintaining its beautiful deep green color throughout the season. We have made the formation of permanent lawns a study for years and the finest lawns in this country to-day were obtained by using our "Toronto Parks" Lawn Grass Seed, which is composed of various grasses that grow and flourish during different months of the year, so that a rich, deep green velvety lawn is constantly maintained, rivaling the famous lawns of Old England.

If people only knew how comparatively easy it is to make a lawn with our "Toronto Parks" Lawn Grass Seed, the days of using sod, with all the attendant expense, would soon be over.

PRICE (with or without White Clover)—Per lb. 70c, 10 lbs. \$6.00. (If by Express at Customer's Expense, 10 lbs. \$5.50.)

SIMMERS' EMERALD LAWN MIXTURE

Many people desire a lawn that will make a showing immediately after planting. This mixture contains the quickest growing grasses, but not the permanency or color of our "Toronto Parks".

Price delivered, lb. 60c, 10 lbs. \$5.50.

WHITE DUTCH CLOVER

WHITE DUTCH CLOVER, Pure for mixing with Lawn Grass Seed—Many prefer the pure White Dutch Lawn Clover Seed to a mixture of grasses, and the fact cannot be denied that a lawn of this only is magnificent. Dutch Clover is a good thing to sow along with other grasses, as it helps to fertilize and enrich the soil, materially assisting their growth. Fancy clean seed. Price delivered, lb. 90c.; 10 lbs. \$8.50.

FANCY RED TOP GRASS SEED

Excellent where an immediate effect is desired. Liable to winter kill in certain sections. Fancy hulled seed. Price delivered, lb. 55c, 10 lbs. \$5.00.

FANCY KENTUCKY BLUE GRASS SEED

This grass makes a good lawn used alone, and is preferred by many. Our well balanced mixtures, however, have given much better results. Price delivered, lb. 65c; 10 lbs. \$6.00.

DWARF SCOTCH PERENNIAL RYE GRASS

(An Improved Perennial Rye Grass)—It is a valuable lawn grass especially, where quick results are sought. Good for both pasture and meadows. The seed is heavy and very quick to start. Sow 50 to 60 lbs. to the acre. Price delivered, lb. 40c; 10 lbs. \$3.50.

SIMMERS' "GOLF LINKS" GRASS SEED

"GOLF LINKS" GRASS SEED is a combination of seed of low growing fine bladed grasses, which produce a close, firm, velvety turf under general conditions. There are no mysterious secret grasses or grass mixtures, as many seed salesmen would have you believe. All commercial grasses are well known, and quality, cleanliness and purity are easily determined. We know where to get the best samples and we buy them. We invite analysis and comparison. Price, lb. delivered, 65c; 10 lbs. \$6.00.

SIMMERS' BOWLING LAWN SEED

We have made a special study of Grass Seeds, and our latest introduction in the making of a first class lawn for bowling purposes has given us a near approach to the greens of the Motherland. Simmer's Bowling Lawn Seed is composed of native and acclimated foreign fine-leaved, fibrous, deep rooting Grasses that spread and intermingle, the seeds of which are blended in the proper proportions to form and maintain a tough, matted sward, constantly green even in dry weather. Sow from 10 to 12 lbs. per rink (12 x 100 ft.) for a new bowling green lawn; double this quantity per rink if a close matted turf is required quickly. Price delivered, lb. 65c; 10 lbs. \$6.00.

SHADY NOOK SEED

FOR SHADED SPOTS.—The bare and unsightly patches often found under trees and in shady portions of the lawn can be made to grow a luxuriant and lasting turf by the use of our "Shady Nook" Lawn Mixture. This is a special mixture of grasses that flourish best in shaded situations and never fails to revive the dead and sour places that often ruin the effect of an otherwise perfect lawn. Although less seed gives good results, we recommend sowing 1 lb. to every (10 x 15 ft.) 150 ft. (Price delivered, lb. 95c; 10 lbs. \$9.00.)

SHEEP MANURE

A natural plant food and soil conditioner, dried; sterilized; weed seeds killed. It improves growth, makes far better quality, increases production of all plants, grass, flowers, vegetables and fruits.

Use 10 lbs. for each 100 square feet of surface, or one to 10 pounds for each shrub, tree, vine, etc., depending on size. Always mix well with soil. Remarkable results show quickly. Unequalled for house plants, window gardens and everything that grows outdoors.

7686	Sheep Manure—Cartons—5 lbs.	\$0.50
7686A	" " " " 10 lbs.	.75
7687	" " " " —Bag, 25 lbs.	1.25
7688	" " " " 50 lbs.	2.10
7689	" " " " 100 lbs.	3.75



No. 5742 FOXGLOVE. Each 30c., 10 for \$2.50

5700 **ACHILLEA** (The Pearl)—Small double-white flowers in open heads, blooming profusely all Summer. 2¼ ft.

5702 **ACONITUM Napellus**—Dark blue flowers hooded in dense heads from July to September. 3 ft.

5704 **ALYSSUM** (Rock Mad Wort) **Saxatile** (Gold Dust)—Dwarf shrubby perennials. Excellent plants for rockeries or fronts of borders. Blooms early in spring. Golden yellow. 12-18 inches.

5706 **ANCHUSA Italica** (Dropmore Variety)—New. The bright blue Forget-me-Not-like flowers are borne on graceful stems during the entire season and way late into the Fall.

5708 **ANEMONE Queen Charlotte**—A very beautiful semi-double variety, light pink in color.

5709 **ANEMONE Whirlwind**—A semi-double form. Free-flowering and lasting much longer than the single sorts.

5710 **AQUILEGIA** (Columbine)—An old favorite, late spring and early summer blooming plants, growing about 2 feet high, that succeed in any ordinary garden soil. The varieties offered are selections of the best kinds. Mixed colors.

5714 **ARABIS Alpina** (Rock Cress)—Specially adapted for the rock garden, but succeeds equally well in the border, where it forms a dense carpet, which is completely covered early in the season with pure white flowers.

5716 **ARMERIA Maritima** (Cushion Pink or Thrift)—Deep crimson flowers on stiff stems during the Summer, above evergreen tufts of foliage. 1 ft.

5718 **ARTEMESIA Abrotamnum** (Old Man or Southernwood)—Dark green, finely cut foliage, with pleasant aromatic odor.

5720 **HARDY ASTERS** (Michaelmas Daisies, or Starworts)—These are among the showiest of our late flowering hardy plants, giving a wealth of bloom at a season when most other hardy flowers are past. Our collection is made up of the choicest varieties only, the weedy sorts being eliminated.

5723 **BOCCONIA Cordata** (Plume Poppy)—Handsome free flowering plant, suitable for shrubbery or large borders. Silvery foliage with plumes of buff colored flowers. 6 feet. Blooms during June-August.

5724 **BOLTONIA** (False Starwort)—Aster-like flowers. Late blooming. Good for cutting. Bloom September. Asterioides—White. 5-6 feet.

5726 **CAMPANULA** (Bell Flower)—One of the best class of hardy perennial plants. Easy of culture, thriving either in shady or sunny positions. Mixed Colors.

5730 **CERASTIUM Tomentosum** (Snow in Summer)—A desirable low-growing plant with silvery foliage and white flowers, suitable for the rockery, or for carpeting dry, sunny spots such as covering graves or steep banks; can also be used with good effect in carpet bedding.

5732 **CHRYSANTHEMUM Maximum** (King Edward VII)—A free-growing plant, not exceeding 2½ feet in height, forming bushy plants, which continue in full bloom from early in July until late in October. The flowers are Daisy or Marguerite-like, 3 inches and over in diameter, pure white, with a golden centre; they are of great substance and last a week or more when cut.

5734 **COREOPSIS Lanceolata**—This golden Coreopsis begins to flower early in June, and continues to flower until cut down by severe freezing weather; it is continually one mass of golden yellow. It is easily grown, perfectly hardy, and succeeds in any position; once planted takes care of itself.

5736 **HARDY DAISY English**—Double flowers white and pink.

5738 **SHASTA DAISY Burbank's**—Large Marguerite-like flowers, some measuring 4 inches across. Very long pure white petals, centre yellow long stems; perfectly hardy.

5742 **FOXGLOVE Digitalis**—A handsome and highly ornamental plant of stately growth; height 5 feet.

5744 **ECHINOPS Ritro** (Globe Thistle)—Large globular heads of blue, thistle-like flowers, borne during July.

5750 **GAILLARDIA Grandiflora**—Among the showiest and most effective of hardy perennials. Crimson and orange flowers; blooms all summer and fall.

5752 **GYPSOPHILA Paniculata** (Baby's Breath)—Minute white flowers borne in enormous quantity in open panicles during Summer months. Valuable for cutting. 3 ft.

5754 **HELIANTHUS Multiflorus fl. pl.** (Double Sunflower)—Large, double, yellow flowers in Summer and Fall.

5757 **HELENIUM Autumnale Rubrum** (Sneeze-wort)—Handsome border plants, mostly autumn flowering. Reddish brown. One of the finest autumn flowering. August-September. 4-5 feet.

5758 **HIBISCUS Crimson Eye**—Large, showy white flowers, with a crimson-purple eye. August and September.

5760 **Hibiscus Moscheutos roseus**—A pink form of above and one of the handsomest large-flowering perennials.

HOLLYHOCKS (*Althea Rosea*)—One of the most beautiful of the hardy perennials and deservedly a great favorite. No garden is complete without these highly decorative plants.

5762 **Single**—Pink, white and mixed.

5764 **Double**—Crimson, primrose, scarlet, rose or white.

5766 **IBERIS Sempervirens** (Hardy Candytuft)—Most desirable dwarf plants (8 to 10 inches) with evergreen foliage, which is completely hidden with flowers early in the spring. Innumerable flat heads of pure white flowers.

5768 **INCARVILLEA Delavayi** (Hardy Gloxinia)—One of our choicest perennials. Dwarf, very useful for rock gardens. Splendid for cutting. Large gloxinia-like flowers of a rosy purple shade. 2-feet. June-August.

DELPHINIUMS (Hardy Larkspur)—The hardy Larkspurs are one of the most important and most satisfactory plants in the herbaceous garden, and should be planted extensively even in the smallest garden. Their long spikes of various shades of flowers are produced continuously from June until late in the fall, if the precaution is taken to remove the flower stems before they can produce seeds.

5791 **Gold Medal Mixed Hybrids.**

5794 **LATHYRUS Latifolius** (Perennial Pea)—Handsome red, white and pink Pea-like flowers during Summer. Fine for cutting.

5796 **LIATRIS**—Handsome long spikes of rosy purple flower-heads borne during August and September. 4 to 5 ft.

5798 **LINUM Perenne**—Pale blue flowers, with pretty evergreen foliage. June to November. 18 in.

5800 **LOBELIA Cardinalis**—Long dense spikes of handsome rich cardinal-red flowers. Often 10 to 18 of these spikes. Bloom in August and September. 3 to 4 ft.

5802 **LUPINUS Polyphyllus** (Lupin)—Deep blue Pea-shaped flowers on long spikes. June to September. 2 to 3 ft.

5804 **LYCHNIS Chalcedonica** (London Pride)—Brilliant scarlet flowers in close heads. June to September. 3 ft.

5808 **GARDEN PINKS** (*Dianthus Plumaris*)—Flowers of various colors and enormous size; very fragrant; perfectly hardy.

HARDY PHLOX

HARDY PHLOX (*Decussata*)—This is one of the most useful flowers for summer decoration,

the colors varying from pure white to deep crimson. They are not at all particular as to soil, and are exceedingly hardy. To obtain good results it is wise to manure the soil well and give them a fairly open situation, and an occasional soaking of water during very dry weather. Once planted they require no further attention for several years, but it is advisable to renew them about every fifth year.

The Flowering period is from the early part of July to the middle of September and they grow to heights varying from 1 to 3 and even 4 feet. If the first flower spikes are cut off as soon as over, and the plants are given a good soaking, a second crop of bloom extending until late in the fall may be expected.

Our collection contains the finest of the new introductions. The colors are beautiful and striking, and the individual flowers are in many cases twice and thrice the size of older varieties.

The blue, lavender, and orange colored ones should be planted in semi shade, as the sun is apt to bleach out the colors in a short time.

Letters and numbers immediately following the varieties indicate time of flowering and approximate height as follows:

(1) Early	(D) Dwarf	Our prices are for year old field grown plants.
(2) Mid-season	(M) Medium	
(3) Late	(T) Tall	

Any of the following choice sorts (except otherwise noted), extra strong roots 30c., each, per 10 \$2.50.

5886 **Baron van Dedem** (T. 2.)—Brilliant Scarlet-orange with immense trusses and individual flowers.

5888 **Bridesmaid** (D. 2.)—Pure white, large crimson-carmine eye.

5890 **Coquelicot** (M. 2.)—Fine pure scarlet with crimson red eye.

5892 **Elizabeth Campbell** (D. 2.)—New. Bright salmon pink, with lighter shadings and dark crimson eye. One of the best.

5894 **Europa** (T. 2.)—White, distinct carmine eye large flower. Very distinct; one of the best.

5896 **Van Lassburg** (T. 2.)—The purest snow-white in cultivation. Extra fine.

5898 **G. A. Strohleim** (M. 2.)—Glowing orange scarlet with blood-red eye. Immense heads.

5900 **Jeanne d'Arc** (T. 3.)—One of the best late whites. Well formed full heads of large flowers.

5902 **Le Mahdi** (T. 2.)—A metallic bluish-violet color having fine large truss, a prolific bloomer. One of the very best of its color.

5904 **Mme. Paul Dutrie** (M. 1.)—Soft Cattlea-pink shading off to white in the centre. One of the most desirable where a good pink is desired.

5906 **Mrs. Jenkins** (M. 1.)—A very free flowering early variety of medium height producing immense panicles of pure white flowers.

5908 **R. P. Struthers** (T. 2.)—Rosy carmine with claret eye.

5910 **Rynstroom** (T. 2.)—Beautiful rich salmon-rose, enormous flowers. A good strong grower and a very free-flowering variety.

5912 **Selma** (T. 2.)—Large trusses of very large pink flowers with cherry-red eye; choice.

5914 **Mixed Hardy Phlox Roots**—Our selection, each 25c.; 10 for \$2.00, prepaid.

Violets

5937 **Hardy Double English**—Entirely hardy, perfectly double deep-violet purple color; most deliciously fragrant. Each 30c.; per 10 \$2.50, prepaid.

5939 **Viola Cornuta** (*Tufted Pansy*)—Highly ornamental perennials, too well known to need a special description. Bloom all summer.

5940 **Yucca Filamentosa**—Fragrant cup-shaped creamy-white flowers in spikes, 5 to 6 ft. long and surmounting clumps of stiff, evergreen bayonet-shaped foliage. One of our showiest and most stately perennials. Thrives best on light, sandy soil. June and July. 3 to 4 ft.



5910. Rynstroom Phlox, each 30c., per 10 \$2.50, Prepaid

5916 **Platycodon** (*Wahlenbergia*) **grandiflora**—Pretty blue bell-shaped flowers, blooming from July to September. Sometimes classed as a Campanula. Will thrive in any good garden soil. 2½ ft.

5918 **Iceland Poppy** (*Papaver Nudicaule*)—A beautiful race and among the most desirable of our herbaceous plants. The plant forms tufts of Fern-like foliage, from among which the slender flower-stalks rise about a foot in height and bear fragrant, cup shaped flowers. They will thrive in any good garden soil. Blooms June till October. Scarlet, white and yellow mixed.

5920 **Oriental Poppy** (*Papaver Orientale*)—Nothing can equal these in gorgeous effect, and whether planted singly or in masses, their large, rich, brilliant flowers and freedom of bloom render them conspicuous.

5922 **Pyrethrum Hybridum Roseum**—One of our finest Fall-flowering perennials. Very robust-growing plants, single flowers in large open panicles. 3 ft.

5924 **Pyrethrum Roseum Hybridum fl. pl.**—A double form of above variety. August and October. 3 ft.

RUDBECKIA (*Cone Flower*)—Showy summer and autumn-flowering perennials. Good for cutting.

5926 **Laciniata fl. pl.**—Golden Glow. Double golden yellow. 5-7 feet. August-September.

5928 **Purpurea**—Giant purple cone flower. Very handsome. Large flowers. 30-36 inches. July-September.

5930 **SCABIOSA** (*Pincushion Flower*) **Caucasica**—Hardy border plants. Good for cutting. Soft lilac blue. 18 inches. June-July.

5933 **Sweet William** (*Dianthus Barbatus*)—Assorted Colors—One of the finest and best known of our old garden plants. Flowers of the most brilliant colors and borne in heads quite profusely.

5936 **Red Hot Poker** **Tritoma Pfitzeri** (*Flame Flower*)—A superb variety, very free blooming. Color a rich brilliant orange. Of medium height and will bloom from Summer till Fall.

SMALL FRUIT BUSHES & PLANTS

RASPBERRIES

Each 20c. 10 for \$1.75, 100 for \$11.00.



St. Regis Raspberry—An everbearing variety of unusual merit. A red raspberry that gives ripe fruit earlier than any other kind, and continues to do so continuously until the ground is frozen. The berries are of good size, bright crimson, exceedingly firm and of sweet, rich flavor.

Herbert—A very hardy strong grower, large red berry, firm and productive. Probably the safest variety to plant for this climate.

Columbian—A new variety of great promise. It is a very vigorous grower and very hardy. Fruit purple and delicious for table or canning, and an excellent shipping variety.

Cuthbert—A Red standard, vigorous, productive and a firm fine berry of best quality, late. Is not hardy here for field culture; in gardens laid down it does very well.

Plum Farmer (Black)—In size the fruit is simply enormous, far surpassing any other sort. In spite of its unusually large size, it is possessed of great firmness and is thus well adapted for standing long shipments.

Golden Queen—Large, beautiful amber color; firm and of fine quality. Plant vigorous, hardy and remarkably productive.

GOOSEBERRIES

Each 70c, 10 for \$5.00.

Downing—Large, pale green, of splendid quality.

Joselyn or Red Jacket—Superior quality, very productive.

STRAWBERRIES

Westney (New)—The plant is a superb grower with large dark green foliage, a most prolific bearer. Berries enormous size, dark, of the most delicious flavor. Ripens early, no green tips. For both market and garden this berry has no equal. Every grower should have it. Dozen **50c**, 100 **\$3.50**, postpaid; by express at purchaser's expense; 100 **\$2.50**, 1000 **\$20.50**.

Brandywine—Deep crimson, quite large, splendid keeper and shipper. Excellent quality, vigorous grower, very prolific. One of the best for canning, and has given immense satisfaction wherever grown. Dozen **45c**, 100 **\$2.50**, postpaid; by express at purchaser's expense, 100 **\$2.00**; 1000 **\$17.50**.

Williams—Very productive, large handsome berries. Good keeper and shipper. One of the best for general use. Dozen **45c**, 100 **\$2.25**, postpaid; by express at purchaser's expense, **\$1.75** per 100, **\$14.00**, per 1000.

Glen Mary—The merits of this berry are already well-known and therefore need no introduction. It is especially recommended for its vigor and productiveness. Berries large and excellent flavor. Dozen **45c**, 100 **\$2.25**, postpaid; by express at purchaser's expense, **\$1.50**, per 100; **\$12.00** per 1000.

HARDY GRAPE VINES

It is not safe to send these roots after the leaves have started as the close packing required to protect the roots injures the foliage and often kills the plants; we would therefore ask our customers to kindly send us their orders as early as possible, and to reach us not later than the 20th of May, as after that date they usually begin to leaf. Nearly all of these roots are grown in open ground, and consequently cannot be forwarded until the frost is sufficiently clear in spring to lift them; they will be forwarded as soon after as possible, and when the plants are in best condition for safety.

All vines two years old and well rooted. Each **70c**, 10 for **\$5.00**.

Concord—A popular variety that succeeds under a greater variety of circumstances than perhaps any other grape; universally healthy, vigorous and productive, moderately juicy and sweet. Bunch large, nearly black, with bloom; moderately early.

Brighton—Finest quality of all outdoor grapes, dark red.

Niagara—Finest large white grapes, very sweet.

Worden (Improved Concord)—Best black grape, seedling of Concord, larger, more delicious, and much earlier.

CURRENTS

Each 40c, 10 for \$3.50.

Black Victoria—Black currant of enormous size, fine flavor and of unequalled productiveness.

Boskoop Giant—This famous Black Currant bears abundantly extra large berries and is superior to all other sorts. Especially adapted for jams. Each **45c**, postpaid; doz. **\$4.00**, by express at purchaser's expense.

Fay's Prolific—Red Berries are large and uniform, very productive.

Perfection—Color bright red, quality fine, very productive.

White Grape—Finest White Currant, mild flavored berries and bunches large, very productive.

EGG PRODUCERS

A CENT A DAY TO MAKE THEM LAY

1 tablespoonful ($\frac{1}{2}$ oz.) of Karswood Poultry Spice is sufficient for 20 hens for one day, so when bought in the 25 or 50 cent packets it costs you only a cent a day for every dozen fowls.

KARSWOOD POULTRY SPICE—An excellent preparation which increases Egg Production and keeps fowls in good healthy condition. A customer of 20 years writes, I have used this spice for twenty years and I am getting eggs regularly from my fowls, when adjoining poultry keepers are not. The cold weather has made very little difference to my Egg Record and I attribute this result to the constant use of Karswood Poultry Spice. A regular dose of this spice during the moult, as well as at other times, helps the growth of the feathers and keeps the chickens in fine condition.

Prices in TORONTO—2 oz. **10c**, $\frac{1}{2}$ lb. **25c**, lb. **50c**, 7 lbs. **\$3.15**, 14 lb. **\$6.00**, 28 lb. **\$11.50**.

Prices POSTPAID—2 oz. **15c**, $\frac{1}{2}$ lb. **35c**, lb. **65c**, 7 lbs. **\$4.00**.

You will be so pleased with Karswood Poultry Spice that you will want more. Over half-a-million Poultry Keepers are using the Spice with excellent results.

KARSWOOD SPECIFICS

KARSWOOD CHICKEN POWDER—Keeps your little chicks in perfect health and helps them feather up well. Prices the same as Poultry Spice.

Karswood Poultry Book "FORTUNES from EGGS" Price postpaid **35c**.

KARSWOOD COW DRINK—A very reliable Purgative for Cattle compounded from the old original formula in use for over 30 years. postpaid **70c**.

KARSWOOD PIG POWDERS—"Prevention is better than cure." Karswood Pig Powders, given as directed, will save pig-keepers a lot of anxiety and trouble.

One Powder twice a week keeps fattening Pigs in good health, makes them thrive and put on flesh rapidly. Pkt. **60c**.

BEEKEEPERS' SUPPLIES

We strongly advise customers to place their orders early, in order to ensure supply when wanted.



No. 1 1/2 D Hive, Single Story, Eight Frame

EIGHT AND TEN FRAME, LANGSTROTH HIVES

No. 1 Hive includes body with eight or ten self-spacing frames and followers, cover and floor.

	Each made up	Each in flat	Lots of 5 in flat
8 frame.....	\$4.25	\$3.25	\$14.75
10 ".....	4.50	3.50	16.15

No. 1 1/2 "D" Hive, same as the above with the addition of one super for comb honey without sections but with section holders and separators.

	Each made up	Each in flat	Lots of 5 in flat
8 frame.....	\$6.00	\$4.50	\$20.50
10 ".....	6.50	5.20	22.75

No. 3 "E" Hive—same as No. 1, with the addition of one deep super and eight or ten self-spacing "Hoffman" frames for extracted honey, shallow.

	Each made up	Each in flat	Lots of 5 in flat
8 frame.....	\$6.50	\$4.90	\$22.50
10 ".....	7.00	5.50	24.75

HIVE PARTS

"Ideal" Hive Covers—Galvanized iron, with wood lining.

	Each made up	Each in flat	Five in flat
8 frame.....	\$1.10	\$0.90	\$4.00
10 ".....	1.15	.95	4.25

Hive Bottoms—

	Each made up	Each in flat	Five in flat
8 frame.....	\$0.85	\$0.70	\$2.75
10 ".....	.90	.75	2.90

Hive Bodies or Extracting Supers "E" for Langstroth hives, with self-spacing frames.

	Each made up	Each in flat	Five in flat
8 frame complete.....	\$2.50	\$1.80	\$8.00
10 frame complete.....	2.75	2.00	9.00

Comb Honey Supers "B" for Langstroth hive.

	Each made up	Each in flat	Five in flat
8 frame.....	\$1.70	\$1.30	\$6.00
10 ".....	1.90	1.50	6.80

Section Holders for comb honey supers—Slotted, \$5.25 per 100.

Wood Separators—Plain, \$2.15 per 100. With metal ends, \$3.15 per 100.

Self-Spacing Brood Frames, Hoffman, in the flat. 25 for \$2.00, 50 for \$3.75, in lots of 100 at \$7.25.

SECTIONS FOR COMB HONEY

We handle only the best-grade, polished on both sides, slotted on top and bottom.

Made in two sizes, 4 1/4 x 4 1/4 x 1 1/2 and 4 1/4 x 4 1/4 x 1 3/4 inches. State size required, otherwise 1 3/4 will be sent.

	Plain	Split Top
Per 100.....	\$1.35	\$1.45
Per 250.....	3.25	3.50
Per 500.....	6.25	6.50
Per 1000.....	12.00	12.25

Other styles and sizes furnished if desired. Prices on Application

COMB FOUNDATION

We sell the Weed patent process comb foundations exclusively. The wax is tempered as in nature, making it stronger and more acceptable to the bees.

GRADE	Price per lb. in lots of	
	1 lb.	5 lbs.
Medium Brood Foundation		
7 1/2 x 16 1/8, 6 sheets to lb.	\$0.85	\$0.80
Light Brood Foundation,		
7 1/2 x 16 1/8, 8 sheets to lb.	.85	.80
Thin Super Foundation,		
3 1/2 x 16 1/8, 26 sheets to lb.	.95	.90
Extra Thin Super Foundation		
30 sheets to lb.....	1.10	1.05

(Prices liable to change without notice.) I wanted by mail, add sufficient for postage.

FEEDERS

	Each
Simplicity.....	15c
Miller, 8 frame 85c, 10 frame.....	95
Boardman, with glass jar.....	60
Alexander, 8 frame 40c, 10 frame....	45
Division-board Feeder.....	75
Honey Can Feeder, with board; 8 fr.	
90c, 10 frame.....	95

Bee Veils—White or yellow net, with black brussels face, 70c, each; all black brussels, 1.00 each.

HONEY KNIVES

The Bingham, each \$1.95.

EXTRACTORS

Our extractors are made of the very best quality of galvanized iron, and are strong and simple in construction. Give size of frame in ordering.

No. 2—Goold, 2 baskets 9 1/2 x 18.....	\$16.75
No. 2 " " 2 " 12 x 18.....	18.00
No. 4 " " 4 " 9 1/2 x 18.....	20.50
No. 4 " " 4 " 12 x 18.....	22.00

Automatic Reversible—Four Langstroth frame 9 1/2 x 18 complete, 28 inch. Can, \$52.50.

Automatic Reversible—Four 12 x 18 inch frames, complete, 33 inch Can \$57.50. Other sizes, prices on application.

HONEY PAILS

Penny lever, plain tin.	Per 100
5 lb. size.....	\$9.50
10 lb. size.....	\$13.50

COMB HONEY CRATES

They are glassed on one side only, and hold 12 sections.

4 1/4 x 4 1/4 in., per doz. \$3.50, per 25 \$7.00. Glass Included.



BEE SMOKERS

We are offering the "Bingham", one of the best smokers made; large and powerful, equal to any work.

No. 1 Hinged Smoker—4 inch, Tin....	\$1.90
No. 1 Smoker—4 inch, Copper.....	2.75
No. 2—3 1/2 inch.....	1.75

COLONIES OF BEES

We invite correspondence from customers wishing to purchase bees either in colonies or nuclei of two to five frames, and shall be glad to quote lowest prices possible.

QUEEN BEES

We cannot guarantee to furnish these queens before May 15, nor later than Sept. 30. Orders will be filled in rotation.

Canadian Bred Italian Queens—each \$1.75; 6 for \$9.00.

QUEEN EXCLUDERS

8 frame unbound zinc (14x20).....each	50c
10 " " (16x20).....	55c
8 " wood bound zinc.....	60c
10 " ".....	70c

Wire Queen Excluder—8 frame 85c; 10 frame 95c.

Tinned Wire for wiring frames, 1 lb. spool 60c; 1/2 lb. spool 35c; 1/4 lb. spool 20c.

PERFORATED ZINC SHEETS

This is used between the upper and lower story to prevent the Queen from passing up. Also used for drone guards and Queen traps. Per sheet (32x84 in.) \$3.90.

THE PORTER BEE ESCAPE

Put in a board, which is placed between the body of the hive and super you wish to clear of bees. The bees can pass to the brood chamber, but cannot return. Single outlet, each 20c, double outlet, each 25c, Boards for same, 8 fr. 25c, 10 fr. 35c.

QUEEN AND DRONE TRAPS

Alley—It is placed over the entrance of the hive, the Queen being captured, and thus preventing a swarm from absconding. Eight frame, each 80c, ten frame, each 90c.

QUEEN CAGES

	Each	Ten
West Queen Cages, with food cup...	7c	60c
West Cell Protectors.....	6c	50c

RUBBER GLOVES

We have a nice line of imported, long-sleeved rubber gloves. Very light rubber, suitable for handling bees.

	Per pair
9770—Ladies' sizes.....	\$3.00
9770—Gentlemen's sizes.....	3.25
9771—Gentlemen's extra large sizes...	3.50

BEE BOOKS (Postage Extra)

6694—A.B.C. of Bee Culture. By A. I. Root. A cyclopedia on bees, honey, hives, implements honey plants, etc., \$3.25 prepaid.

6696 Productive Bee Keeping. By Pellett. \$3.00 prepaid.

Canadian Horticulturist and Bee-Keeper—\$1.00 per annum.



FREE BY MAIL.—We send Seeds, Bulbs and Plants free by Parcel Post at the prices named in this Catalogue, except where otherwise stated. This brings them to the very doors of our customers without trouble or expense. Of course, we must have the privilege of sending either by mail or express, as we deem best and cheapest.

When buyer asks that goods be sent only by express or freight, we do not prepay the charges, and buyer may deduct postage from prepaid prices on Seeds, but no deduction to be made on prices of Plants, Bulbs and Shrubs, as we send much larger stock than by mail.

GUARANTEE.—There are hundreds of contingencies continually arising to prevent the best seeds always giving satisfaction, such as sowing too deep, too shallow, in too wet or too dry soil; insects of all descriptions destroying the plants as soon as or before they appear; wet weather, cold weather, frosts, chemical changes in the seeds induced by temperature, etc. For the above reasons it is impracticable to guarantee seeds under all circumstances. We give no warranty, expressed or implied, as to description, purity, productiveness or any other matter of any seeds we send out, and we will not be in any way responsible for the crop.

ASPARAGUS

Sow 1 oz. for 200 plants, 5 lbs. per acre.

3 Columbian Mammoth.—The best variety for Canadian growers. The immense shoots are clear white and remain so naturally, and do not need earthing up or artificial blanching.
Price, Lb. \$1.50, ¼ lb. 50c., oz. 20c., pkt. 10c.

ASPARAGUS ROOTS

CULTURE.—In growing Asparagus for market, plant in rows 15 inches apart, setting the roots 1 ft. apart in the rows. For private use, plant in beds 5 feet in width, three rows in each, setting one row in the middle and outer rows 1 ft. from the edge of bed. Cover with 4 inches of soil. In planting, spread out the roots.
By planting good, strong roots a saving of two or three years' time is effected. We have a splendid lot which have been carefully cultivated.

6 Columbian Mammoth.—Strong Two-Year-Old Roots. Per 100, \$2.60, per 1,000, \$22.00, prepaid.

BORECOLE OR KALE. 1 oz. for 2,000 plants.

70 Dwarf Green Curled Scotch.—Early and dwarf, rarely producing plants over 18 inches high; it is very hardy, surviving even the coldest weather, which instead of affecting the quality of the leaves, makes them even more delicate. ¼ lb. \$1.50, oz. 50c., pkt. 10c.

BRUSSELS SPROUTS 1 oz. for 2,000 plants.

72 New Giant (Dalkeith).—Excellent British variety. This large-headed variety has proved to be of decided merit, being of sturdy growth and producing abundantly large, solid, dark green sprouts, which are of excellent quality. ¼ lb. \$1.75, oz. 60c., pkt. 10c.

73 Amager Market (Danish). Improved Half Dwarf.—The plants are strong and robust in growth. The stalks are large, thick and close jointed, and the sprouts are set thickly. The sprouts formed at the base of the stalk are tightly folded, and quite as solid as those higher up. This is a very satisfactory variety. ¼ lb. \$2.25, oz. 75c., pkt. 10c.



No. 3 Columbian Mammoth Asparagus,
¼ lb. 50c., oz. 20c., pkt. 10c.

BROCCOLI 1 oz. for 2,000 plants.

71 Walcheren.—Hardier and far more easily grown than cauliflower. The best variety. The large white heads are handsome and of a delicate flavor. Should be treated the same as cauliflower. Grows larger and taller. Oz. \$1.75, pkt. 10c.

ASK FOR LEAFLET ON ASPARAGUS CULTURE—FREE WITH ORDER

Dwarf Bush Wax Beans

Plant 2 lbs. to 100 feet in drills. $1\frac{1}{2}$ bush. per acre



22. Wax Beans—Hodson's Long Pod. 5 lbs. \$3.00, lb. 70c., $\frac{1}{4}$ lb. 25c., Pkt. 10c.

It also remains in good picking condition for a long season. Its handsome, yellow, fleshy, stringless pods are borne well up from the ground, which commend it for both home and market purposes. 5 lbs. \$2.50, lb. 60c., $\frac{1}{4}$ lb. 20c., pkt. 10c.

18 Mammoth Red Wax (Giant Flageolet Wax)—Excellent. Pods produced in great abundance; long, very large, finest flavor. 5 lbs. \$2.50, lb. 60c., $\frac{1}{4}$ lb. 20c., pkt. 10c.

21 Stringless Golden Wax—An improved strain of Refugee which is a most prolific cropper and of highest quality. A variety we can highly recommend and which we feel sure will become very popular. 5 lbs. \$2.50, lb. 60c., $\frac{1}{4}$ lb. 20c., pkt. 10c.

22 Hodson's Long Pod Wax—A wonderfully prolific rust-proof Wax Bean. The handsome pods are plump, straight and long; of a clean, bright, yellow color, all of which combined makes it the most attractive Wax Bean on the market. The beans are brittle, tender and excellent flavor, and if picked before too old, are stringless, with little fibre. The yield from the Hodson Wax Bean averages 20% heavier than from other Wax varieties. 5 lbs. \$3.00, lb. 70c., $\frac{1}{4}$ lb. 25c., pkt. 10c.

WARDWELL'S KIDNEY WAX

23 Wardwell's Kidney Wax—Popular variety of Wax Bean, bearing long, flat pods, of a delicate waxy-yellow, stringless and brittle, producing a heavy crop. Early, hardy and splendid sort for market gardeners. 5 lbs. \$3.00, lb. 70c., $\frac{1}{4}$ lb. 25c., pkt. 10c.

ENGLISH OR BROAD BEAN

39 Mammoth Broad Windsor—A very large and productive variety, fine flavored and of bushy habit. It is well podded from top to bottom of stem, and is recommended for general use. 5 lbs. \$3.00, lb. 65c., $\frac{1}{4}$ lb. 20c., pkt. 10c.

WHITE FIELD BEANS

35 Large White Marrowfat—The pods are broad, about $5\frac{1}{2}$ inches long. Seeds ivory white. 5 lbs. \$1.75, lb. 40c., $\frac{1}{4}$ lb. 15c., pkt. 10c.

36 White Field—A sure cropper and more prolific than the common White Bean. 5 lbs. \$1.50, lb. 35c., $\frac{1}{4}$ lb. 15c., pkt. 10c.

BUSH LIMA BEANS

37 Earliest Bush Lima—A dwarf form of the Small White Lima, valuable on that account, and because of its extreme earliness and productiveness. Vines are without runners, but continue to grow and set pods until stopped by frost. Buttery and tender. 5 lbs. \$3.25, lb. 70c., $\frac{1}{4}$ lb. 25c., pkt. 10c.

Culture—Sow when danger of frost is past, in rows eighteen to twenty-four inches apart, dropping two inches distant. Cover one or two inches deep. Sow every two weeks for succession. They succeed best in light, rich, warm soil. Always hoe when dry, drawing up the earth very little each time. The wax varieties have yellow pods, and are also known as Butter Beans.

ROUND POD KIDNEY WAX BEANS

11 Round Pod Kidney Wax—Is very much like the popular Wardwell's Kidney Wax, differing from that variety in that the pod is perfectly round and longer. It is of the same season as the Wardwell's Kidney Wax, is a very prolific grower and a first-class yielder. The flesh between the beans is solid meat without any open spaces, brittle, always stringless, of a rich golden yellow and finest flavor. 5 lbs. \$3.00, lb. 70c., $\frac{1}{4}$ lb. 25c., pkt. 10c.

13 Sure Crop Stringless Wax—A most prolific cropper and of superior quality. The handsome, rich, yellow pods are slightly curved, averaging six to seven inches in length, almost round, half an inch wide, very meaty and sweet, and perfectly stringless at all stages. The habit of the plant is freely branching, but perfectly sturdy and upright, every branch carrying a heavy crop of pods. 5 lbs. \$2.50, lb. 60c., $\frac{1}{4}$ lb. 20c., pkt. 10c.

PROLIFIC GOLDEN WAX

14 Prolific Golden Wax (Improved Rust-Proof)—An improvement on the original Golden Wax. One of the best for main crop; very early. Pods grow long, nearly stringless, of a beautiful rich, golden wax color. 5 lbs. \$2.50, lb. 60c., $\frac{1}{4}$ lb. 20c., pkt. 10c.

DWARF WHITE WAX

16 Dwarf White Wax (Davis)—This is an early variety, which has given excellent results in Manitoba, maturing in from six to seven weeks from planting. The plant is very hardy and productive, bearing a good crop of long, straight, waxy, white pods, six to seven inches in length, which are very attractive in appearance, and of good quality. The dried beans of this variety are pure white, and are excellent for baking in winter. 5 lbs. \$3.00, lb. 70c., $\frac{1}{4}$ lb. 25c., pkt. 10c.

17 Dwarf Black Wax (Rust-Proof)—An improved strain of all the old Black Wax; a stronger grower, with longer, straighter and rounder pods, is twice as prolific and one of the earliest wax sorts.

Its handsome, yellow, fleshy, stringless pods are borne well up from the ground, which commend it for both home and market purposes.



16. Dwarf White Wax Beans. 5 lbs. \$3.00, lb. 70c., $\frac{1}{4}$ lb. 25c., Pkt. 10c.

GREEN PODDED BEANS

STRINGLESS GREEN POD

30 Stringless Green Pod (Burpee's)—Very popular because of its hardiness and productiveness. It is stringless, ripens earlier than Valentine, and remains tender and crisp a long time after maturity. Pods are pale green, long and straight, round, meaty and of excellent flavor. 5 lbs. \$2.75, lb 60c., $\frac{1}{4}$ lb. 20c, pkt. 10c.

27 Canadian Wonder—It is a giant among green podded varieties, forming a large robust plant, with long, thick, flat pods, frequently measuring from 9 to 10 inches in length by three-quarters of an inch in width and one-half inch thick. The largest and most handsome green pod bean of strictly bush form. 5 lbs. \$2.50, lb. 55c., $\frac{1}{4}$ lb. 18c., pkt. 10c.

28 Extra Early Valentine (Best Improved Round Pod Strain)—Ready to pick in 35 days after planting. Pods round, thick and fleshy, of finest quality, and unequalled in uniformity of ripening. Profitable for gardeners. 5 lbs. \$2.50, lb. 55c., $\frac{1}{4}$ lb. 18c., pkt. 10c.

32 Yellow Six Weeks—Very early and prolific; long, green, meaty, tender pods. 5 lbs. \$2.50, lb. 55c., $\frac{1}{4}$ lb. 18c., pkt. 10c.

39. Beans Mammoth Broad Windsor.
Lb. 65c,
 $\frac{1}{4}$ -lb. 20c.
Pkt. 10c.



POLE BEANS

Pole beans, being tender, ought not to be planted until the ground is dry and warm. A well-manured sandy loam suits them best. Plant in hills 4 feet apart, 6 to 8 beans in a hill, eyes downward, afterwards thin to 3 plants in a hill. Set poles—8 to 10 feet long—before planting seed.

40 Black Butter Indian Chief (Wax)—An excellent variety, with long white fleshy pods, quite stringless and tender. 5 lbs. \$3.35, lb. 75c, $\frac{1}{4}$ lb. 25c., pkt. 10c.

41 Golden Cluster Wax Pole Bean—The best and most productive main crop variety of the wax podded pole Beans. It is medium early, is of excellent quality used either as snap, green or dried shelled Beans. The vines are of large growth and produce in abundance clusters of 3 to 6 yellow pods, averaging about 8 to 9 inches. Very attractive and much used for show and exhibition purposes. The pods are flat, straight, very broad, thick and fleshy, entirely stringless, very smooth surface. The dry seed is pure white. 5 lbs. \$3.35, lb. 75c., $\frac{1}{4}$ lb. 25c., pkt. 10c., prepaid.

42 Kentucky Wonder Wax Bean—is considered the best pole wax sort for northern planting. The pods are beautiful golden yellow, and so fleshy that they often are greater in thickness than in width. When cooked they have a most delicious rich flavor and are entirely stringless. Crop failed.

SCARLET RUNNER BEANS

45 Scarlet Runner Beans—Are grown extensively as an ornamental climber, but are edible and may be cooked in same manner as other snap beans, or used as a shelled bean. Grows quickly, bearing large sprays of handsome scarlet, pea-like flowers. 5 lbs. \$3.35, lb. 75c., $\frac{1}{4}$ lb. 25c., pkt. 10c.

KENTUCKY WONDER GREEN POD

43 Kentucky Wonder Green Pod—The pods, seven to nine inches long, are so fleshy that they are greater in width than breadth, being deeply creased or "saddle backed." They are solidly meaty, stringless when young, and of finest quality. If pods are gathered as they mature, the vines will continue to bear to the end of the season. The best and earliest green-podded Pole Bean for Canada. 5 lbs. \$3.35, lb, 75c., $\frac{1}{4}$ lb. 25c., pkt. 10c.

47 Japanese Runner Bean (Pole Bean)—This has been acknowledged by customers who gave it a trial as a most delicious and desirable sort. The single pods attain a length of nearly three feet, and are deliciously sweet and crisp, entirely stringless. For the table the young pods are broken into pieces and cooked like snap Beans, making a delicious vegetable dish. The seeds are the size of Peas, many to one ounce. $\frac{1}{4}$ lb. \$1.25, pkt. 20c.

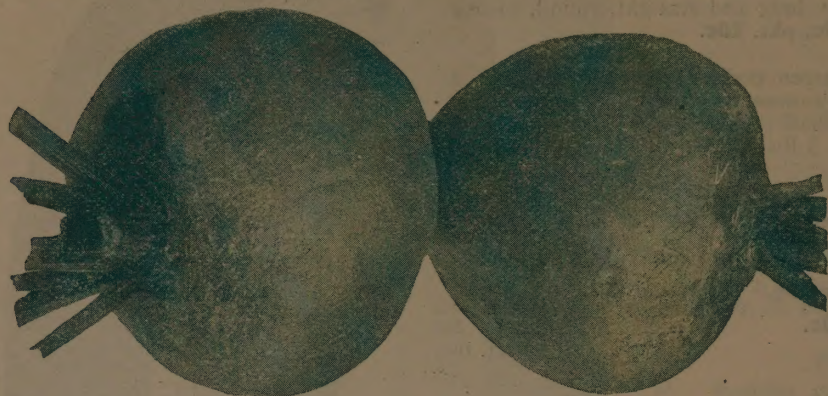


41 GOLDEN CLUSTER WAX POLE BEAN
5 lbs. \$3.35, lb. 75c., $\frac{1}{4}$ lb. 25c.,
Pkt. 10c.

GARDEN BEETS AND SWISS CHARD

1 oz. to 50 feet of drill; 7 lbs. per acre.

Culture—Select a deep rich, sandy loam. For early beets, sow as soon as the ground will work mellow, in drills fourteen inches apart, and thin to four inches distant. The winter crop, to be tender, should not be sown too early. Soak the seed twenty-four hours in lukewarm water before planting. Cultivate often.



50. Beet—Cardinal Globe, oz. 20c., pkt. 10c.

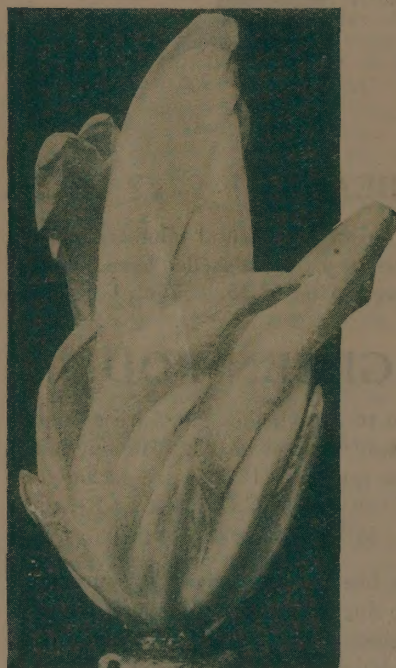
THE BEST HALF-LONG VARIETY

60 Extra Early Intermediate (Bonsecours Market)—Tender, sweet and free from woody fibre; for slicing it is unequalled. Flesh of rich dark red color, root intermediate shaped; about 3 inches in diameter and six inches long; smooth, well buried in ground. Lb. \$2.00, ¼ lb. 55c., oz. 20c., pkt. 10c.

61 Long Dark Smooth Blood Red—This is the best long red beet on the market, of unexcelled quality for table. It has yielded twelve tons to the acre. In color it is rich carmine, and in quality it is sweet and tender. It will produce a great abundance of first-class root food for winter, either for table or stock. Lb. \$1.35, ¼ lb. 45c., oz. 15c., pkt. 10c.

53 Early Eclipse Turnip—This variety is extremely early; in fact, one of the first to be ready for the table. Perfectly smooth and round; skin and flesh intense red. Lb. \$1.35, ¼ lb. 45c., oz. 15c., pkt. 10c.

54 Edmand's Early Blood Turnip—Handsome shape, smooth, fine for market. Lb. \$1.35, ¼ lb. 45c., oz. 15c., pkt. 10c.



138. Witloof (French Salad) Chicory
oz. 50c., pkt. 10c.

CARDINAL GLOBE BEET

50 We have tested almost every kind of table Beet known to the trade, and this Cardinal Globe is one of the finest we have ever grown. It is extremely early. Roots round, flesh dark crimson, very tender and of delicate flavor. When cooked it is a beautiful solid crimson; rich flavor, entirely free of fibre.

Lb. \$2.00, ¼ lb. 55c., oz. 20c., pkt. 10c.

CROSBY'S EGYPTIAN

51 Crosby's Egyptian (Selected)—An improved strain of the Egyptian Beet. It is much thicker than the original strain, quite as early, better color and quality, besides being smoother. One of the best for market or family gardens.

Lb. \$1.65, ¼ lb. 55c., oz. 20c., pkt. 10c.

DETROIT DARK RED TURNIP

52 Detroit Dark Red Turnip—This early globe-shaped beet of excellent quality is especially esteemed on account of its dark red color, which extends entirely through the Beet, and without the light-colored rings seen in some varieties. The medium sized Beets are smooth and handsome and are now being largely used for canning as well as for the home garden or market. It retains its good quality even after it gets large, and is an excellent variety on this account for fall use as well as for spring. We have a very fine strain of this beet, being of uniform globe shape, small tops and very dark red. Lb. \$2.00, ¼ lb. 55c., oz. 20c., pkt. 10c.

EXTRA EARLY EGYPTIAN

56 Extra Early Flat Egyptian—The Egyptian Beet is one of the most popular varieties among market gardeners for forcing purposes. One of the earliest in cultivation, which is suitable for forcing or growing in the open garden. It certainly will bear close planting in the valuable space under glass or in a warm garden in early spring. It is flat shaped, and when young is crisp and tender. In color it is dark red. We offer the best strain.

Lb. \$1.65, ¼ lb. 55c., oz. 20c., pkt. 10c.

SPINACH BEET

65 Spinach Beet—The stalks are thick and broad as those of rhubarb, being 1½ inches broad, heavily ribbed, and from 10 to 12 inches long below the leaf. These stalks are delicious when cooked and served in the same manner as asparagus. The leaf portion of the foliage is cooked and served in the same manner as spinach. The leaves and stalks served as separate vegetables afford two distinct dishes from the same plant at one time. Lb. \$2.40, ¼ lb. 80c., oz. 30c., pkt. 10c.

SWISS CHARD

66 White Silver—The Canadian people are becoming more acquainted with the desirability of having a little Swiss Chard in their gardens. This Beet is grown for its leaves only. The middle of the leaf or mid rib is cooked and served like asparagus. The other portions of the leaf may be used like spinach. A delicious summer vegetable when cut young and used for "greens." Lb. \$2.25, ¼ lb. 70c., oz. 25c., pkt. 10c.

CHICORY

137 Large Rooted Madgeburg—Used mainly as an adulterant for coffee; also as a winter salad; the roots are allowed to sprout in the cellar. ¼ lb. \$1.40, oz. 50c., pkt. 10c.

138 Witloof (French Salad Endive) Chicory—A European delicacy for salad. Spring-sown seeds produce long parsnip-like roots by fall, when they are taken up, the leaves cut off, and the roots then trenched and covered with soil eight inches over the crowns. Over this is placed a 2-foot layer of fresh manure, which induces a new growth of blanched leaves, folded in the form of Cos Lettuce. These are removed as required during the winter and eaten raw as salad. ¼ lb. \$1.50, oz. 50c., pkt. 10c.



65. Spinach Beet
oz. 30c., pkt. 10c.

CABBAGE-Favorite Varieties

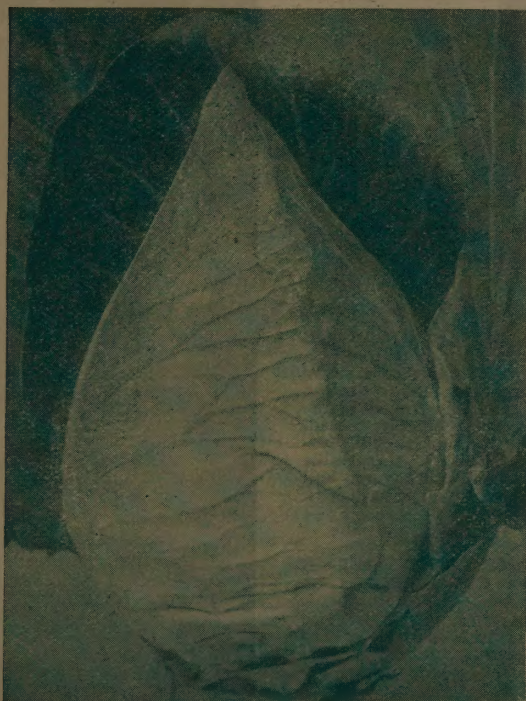
(Oz. will produce 2,000 plants; 5 oz. per acre.)

CULTURE—For early use plants should be started in hot-beds in February or March; for later crops sow in the open ground early in spring; transplant two feet apart. A mixture of salt and ashes applied to the hill when planting is excellent for promoting growth and keeping down the maggot. They require a deep, rich, well-manured soil, and thorough working. Hoe often; draw earth up around the plants. Cabbage should not follow cabbage successively.

75 ALL HEAD EARLY. The All-Year-Round Large Flat Head Cabbage.—It has proven itself to be adaptable to a wide range of both soil and climate, and is well worthy of recognition as a standard American sort. It is a money maker for gardeners, and a very desirable sort in every garden. It is the earliest of large cabbages, being at least a week in advance of any of the large flat headed strains now being offered. A good early spring, summer, or winter sort. $\frac{1}{4}$ lb. \$2.00, oz. 70c., pkt. 10c.

85 EARLY WINNIGSTADT (EXTRA).—One of the best of the second early sorts, very hardy and sure heading. Owing to its compact and upright habit of growth and peculiar texture of its short, thick, rich dark green leaves, this variety seems to suffer less from the Cabbage worm than most other sorts. Head of medium size, sharply pointed, very hard and good quality. $\frac{1}{4}$ lb. \$2.00, oz. 70c., pkt. 10c.

81 GLORY OF ENKHUIZEN.—Our records show this grand Cabbage from Holland to be one of the best either for an early or second early sort. The heads are frequently twice as large as the Old Early Flat Dutch, and weigh three times as much. The large solid heads are fine ribbed and of first quality. The globe shaped outer leaves are very small, and do not crowd when so closely planted. $\frac{1}{4}$ lb. \$2.25, oz. 75c., pkt. 10c.



85. Early Winnigstadt Cabbage Oz. 70c Pkt. 10c.



76 Copenhagen Market Cabbage. Oz. 90c., pkt. 10c.

76 COPENHAGEN MARKET—An early Cabbage our customers should not overlook. The earliest large round-headed sort. Considering its earliness, the heads are remarkably large, averaging ten pounds in weight. One of its chief features is its compact form. It is so solid that many more plants can be grown on an acre than is possible with most sorts. In quality it is exceptionally good; earliness, ripening at one time, compact growth, large heads and high quality are features which have made it a standard in a few years. Introducer's stock. (Danish Grown) $\frac{1}{4}$ lb. \$2.75, oz. 90c., pkt. 10c.

79 FIRST AND BEST.—Comes in ten days in advance of the Early Summer, with heads of nearly double the size and absolutely true to its type under all conditions. It will not run to seed. Whether for first early, medium or late use, it is one of the finest Cabbages in existence to-day. It is so finely bred and so true to type that in a field of twenty acres every head appears alike. $\frac{1}{4}$ lb. \$2.00, oz. 70c., pkt. 10c.

80 EARLY JERSEY WAKEFIELD IMPROVED.—Heads remarkably hard and solid; pyramidal in shape, generally pointed at the end; of excellent quality and large in size for so early a Cabbage. $\frac{1}{4}$ lb. \$2.00, oz. 70c., pkt. 10c.

87 ALL SEASONS—This is a superior variety to plant for late as well as for early crop, the thickness of the head making it a capital variety to keep through the winter. Heads large and solid, not liable to burst after heading. $\frac{1}{4}$ lb. \$2.00, oz. 70c., pkt. 10c.



81 Glory of Enkhuizen. Oz. 75c., pkt. 10c.

COPENHAGEN MARKET CABBAGE IS KING OF EARLY CABBAGES. No. 76, OZ. 90c., PKT. 10c.

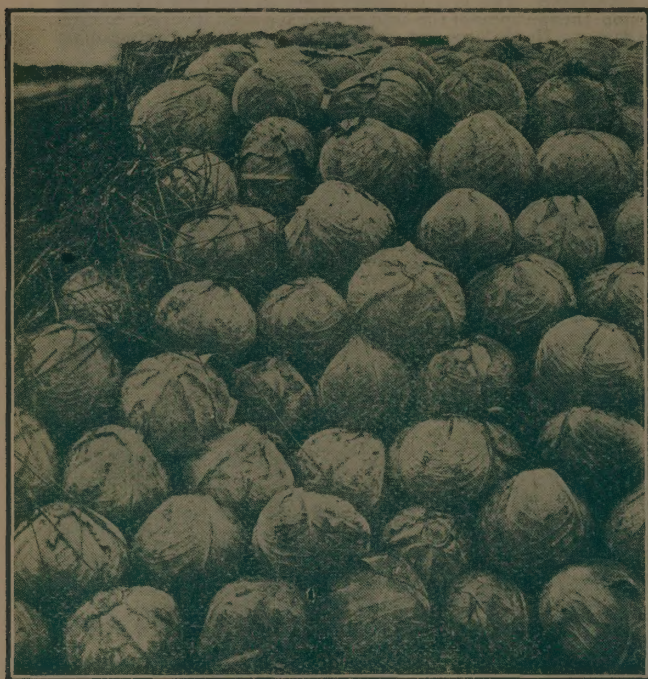


96—World Beater Cabbage. Oz. 70c., Pkt. 10c.

Red Cabbage

100 DANISH RED STONEHEAD.—(Extra select stock). This Grand Novelty is a distinct variety of Cabbage that we have introduced from Denmark. It produces round or ball-shaped heads, solid, of intense deep red color. The plant is of strong, compact growth, and the heads are perfectly round, from six to eight inches in diameter. The extra dark coloring, remarkable hardness and large size of heads make it an excellent market type. $\frac{1}{4}$ lb. \$2.25, oz. 75c., pkt. 10c.

101 MAMMOTH RED ROCK.—The largest and best Red Cabbage. The heads are always of a deep red color inside as well as outside, and almost as hard and solid as a rock. $\frac{1}{4}$ lb. \$1.75, oz. 60c., pkt. 10c.



STORING RENNIE'S DANISH BALLHEAD CABBAGE
Oz. 75c., pkt. 10c.

93 DANISH BALLHEAD—(Short Stem) Original Strain; Seed Direct from Denmark. A sure header; solid and weighty; an extra good keeper; a good seller, and profitable. We offer the original strain direct from Denmark—the genuine headquarters seed. In that country for a number of years this Cabbage has been the main reliance for winter use and for export. We have sold this particular variety for a great number of years, and can unhesitatingly recommend it to our customers. It has earned a most enviable reputation among growers in this country, and it is a matter of pride with us that the present strain is from the same stock of acknowledged superiority among Danish gardeners. $\frac{1}{4}$ lb. \$2.25, oz. 75c., pkt. 10c.

96 WORLD BEATER—IMPROVED AUTUMN KING.—The largest and hardest heading of all large Cabbage in cultivation. Produces large, broad heads, which are very thick through, slightly rounded at top; fine grained and tender. It is a very rapid grower and in good soil will produce heads of enormous size. Seed sown first of June will produce fine heads for winter. $\frac{1}{4}$ lb. \$2.00, oz. 70c., pkt. 10c.

91 PREMIUM FLAT DUTCH.—An excellent Cabbage, producing large, solid heads of uniform shape, flattened on top. Fully developed heads frequently measure 10 to 12 inches across and weigh 12 to 15 pounds each. $\frac{1}{4}$ lb. \$1.75, oz. 60c., pkt. 10c.

104 PERFECTION DRUM-HEAD SAVOY—Heads large and very finely curled, short stem and compact grower, an excellent keeper. Partakes of the size of the Drumhead, with the curled leaves and fine flavor of the Savoy. Far superior to the ordinary imported Drumhead Savoy. $\frac{1}{4}$ lb. \$1.75, oz. 60c., pkt. 10c.

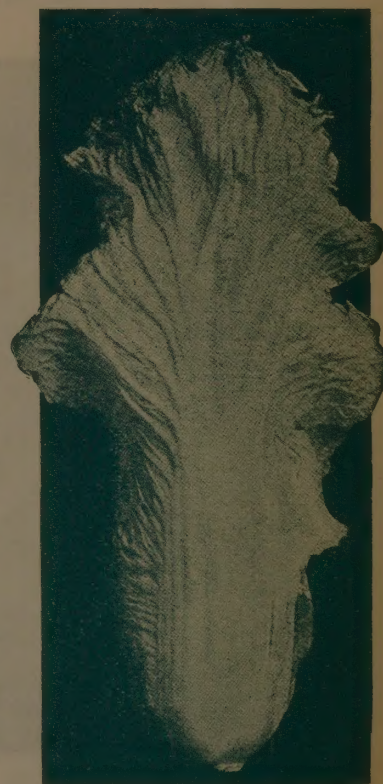
103 GREEN GLOBE.—A very solid Savoy, valuable for market gardener's use. $\frac{1}{4}$ lb. \$2.00, oz. 70c., pkt. 10c.



93 Danish Ballhead. Oz. 75c, pkt. 10c.

86 CELERY OR CHINESE CABBAGE (Petsal).—Its appearance is attractive, resembling a Cos Lettuc in shape, it is easily grown and does well in nearly all parts of the country. Planting time is July (turnip planting time), early plantings run quickly to seed. Sow in drills 16 to 20 inches apart, thin seedlings out two or three times. This vegetable may be used as salad; it is mild flavored and can be eaten raw, but boiled and minced with butter and seasoned is very delectable. $\frac{1}{4}$ lb. \$1.75, oz. 60c., $\frac{1}{2}$ oz. 35c., pkt. 10c.

98 CHEFOO CHINESE CABBAGE.—A Great Novelty from China—Should be Grown in Every Garden.—This vegetable is gradually becoming very popular in Eastern Markets, where it has been sold as "Celery Cabbage." It produces beautiful crisp, celery-like heads that blanch easily and resemble a giant Cos Lettuc. It may be cooked like cabbage or used for salads, or the leaves may be stripped off leaving the central stalks to be eaten like celery, for which it makes a beautiful substitute. $\frac{1}{4}$ lb. \$1.75, oz. 60c., $\frac{1}{2}$ oz. 35c., pkt. 10c.



86—Chinese Celery Cabbage. Pkt. 10c.

CARROTS

One ounce will sow 100 feet of drill; 3 to 4 pounds for an acre.

CULTURE.—Carrots do best in warm, deep rather light and fairly fertile soil that is well supplied with humus, or on strong loam, having been in clover and broken the year before. For the earliest crop sow seed of the early short-rooted sorts in April or May in drills a foot apart and thin to 2 inches. For main crop, sow in May or June, or for succession even in July, using the longer rooted varieties. The rows for these may be 16 to 20 inches apart, and the plants thinned to 2, 3 or even 4 inches. To raise Carrots for stock, the rows may be made wide enough apart, say 2 to 2½ feet, to allow of cultivation by horsepower. In sowing Carrot or other small seed, especially during dry weather, pains should be taken to firm the soil well over the seed, either by means of the feet or with the roller.

105 CHANTENAY HALF-LONG (Stump Rooted).—Very productive, especially desirable for market or home use. Splendid shape, fine deep scarlet color, roots tender, firm, and of the finest quality. Lb. \$2.20, ¼ lb. 65c., oz. 20c., pkt. 10c.

106 EARLY GEM (Guerande or Oxheart).—A desirable variety on soils too hard and stiff for the larger growing sorts, as it is not over 3 or 4 inches long. It is very finely flavored and colored a rich orange. Much thicker in proportion to length than the Early Horn; almost coreless. Lb. \$2.20, ¼ lb. 65c., oz. 20c., pkt. 10c.

108 HALF-LONG DANVERS (or Scarlet Luc).—A good general crop variety for market gardeners. Rich orange color, a very heavy yielder, and splendid keeper, a first class Carrot for all soils, and valuable both for table and stock; 6 to 7 inches long, stump rooted, smooth, good size, and quite easily harvested. We have an extra fine strain of this favorite sort. Lb. \$2.20, ¼ lb. 65c., oz. 20c., pkt. 10c.

109 MARKET GARDEN.—This is the best early Carrot in existence, one which market gardeners should plant for their main crop. It grows about six inches long, stump rooted, very smooth, deep red, fine grained, sweet. An excellent table sort. Our seed is most carefully selected. Lb. \$2.25, ¼ lb. 70c., oz. 25c., pkt. 10c.

112 RED ST. VALERY (Henderson's Intermediate).—A desirable market Carrot, longer than Danvers, tapering abruptly with pointed roots, often called Pointed Danvers. The root measures 10 to 12 inches in length, is very broad at the shoulder, tapers evenly to the small tap root. Its color is a rich reddish-orange. For market gardeners its beautiful appearance makes it a rapid seller on the market stalls. As a table Carrot it is unsurpassed, while as a field carrot its immense yield makes it extremely valuable. Lb. \$2.20, ¼ lb. 65c., oz. 20c., pkt. 10c.

FIELD CARROTS

Sow 3 to 4 lbs. per acre.

MAMMOTH WHITE INTERMEDIATE

560 OUR MAMMOTH WHITE INTERMEDIATE is the heaviest cropping Carrot ever known. The roots are extra large, half long, smooth and regularly tapering to a point; measuring from 14 to 18 inches in length, and from 18 to 24 inches around the shoulder. The flesh is solid, crisp, and of a rich, pearly-white color, very heavy cropper, and easily harvested. Lb. \$1.25, ½ lb. 70c., ¼ lb. 40c., oz. 15c.

561 MAMMOTH SHORT WHITE produces roots of an immense and uniform size, clean broad and heavy at the shoulder, tapering smoothly to a point. A sure cropper and extra heavy yielder; valuable alike for its excellent long-keeping qualities and the high percentage of nutriment contained in the rich white flesh. Lb. \$1.25, ½ lb. 70c., ¼ lb. 40c., oz. 15c.

565 Large White Belgian.—A standard for field culture. Grows about one-third out of the ground. Lb. \$1.00, ½ lb. 65c., ¼ lb. 35c., oz. 15c.

566 LONG ORANGE BELGIAN.—An improved Long Orange of the strongest and purest strain on the market. Lb. \$1.20, ½ lb. 70c., ¼ lb. 40c., oz. 15c.



109—Market Garden Carrot. Lb. \$2.25, ¼ lb. 70c., oz. 25c., pkt. 10c

110 HALF-LONG SCARLET NANTES (Stump Rooted).—An entirely distinct Carrot. It is of deep red orange-colored flesh of the finest quality. It is earlier than the Danvers and about the same length; extremely well adapted for early forcing, sowing in hotbeds, and for growing outside. The ideal Carrot for the market gardener. Lb. \$2.20, ¼ lb. 65c., oz. 20c., pkt. 10c.



160 Corn Salad—Large Leaved Dutch. Pkt. 10c.

CORN SALAD

160. Large-Leaved Dutch.—Leaves esteemed as spring salad. Lb. \$3.25, ¼ lb. \$1.00, oz. 35c., pkt. 10c.



560—White Intermediate Carrot. Lb. \$1.25, ¼ lb. 40c.

HALF-LONG SCARLET NANTES IS AN IDEAL MARKET CARROT. No. 110. ¼ lb. 65c., oz. 20c. pkt. 10c.



116—WORLD'S BEST SNOWBALL (GILT EDGE) CAULIFLOWER. PKT. 25c

CAULIFLOWER

One ounce of seed will produce about 3,000 plants.

CULTURE.—Cauliflower can be grown well in a deep rich soil and an abundance of moisture, which in dry seasons must be applied artificially. Frequent and vigorous hoeing and a liberal supply of rich liquid manure, to keep up a continuous and rapid growth, will produce splendid heads of the most delicate flavor. It facilitates blanching if the leaves are gathered loosely together and tied over the top of the head. Sow the seed the same as cabbage.

115 Danish Drouth-Resisting or Dry Weather.—Is especially adapted for growing in dry locations where other varieties fail to produce heads. Produces a greater number of large white heads, identical with "World's Best Snowball," than any other variety. It is about one week later in heading than the Snowball. While especially adapted for growing in dry locations, it will produce heads equally as fine as the best varieties in more favorable situations. Oz. \$5.00, ½ oz. \$2.75, ¼ oz. \$1.50, pkt. 25c.

118 Earliest Dwarf Erfurt (Extra Selected).—The earliest among early Cauliflowers. A sure header. Customers pronounce it the most profitable in cultivation. Remarkable for reliability in heading. Very dwarf, with solid pure white heads of superior quality. Oz. \$5.00, ½ oz. \$2.75, ¼ oz. \$1.50, pkt. 25c.

119 Snowflake (Early).—A reliable early variety, producing a good white head, which is large, solid and compact and of the finest quality. ¼ lb. \$7.50, oz. \$2.50, ½ oz. \$1.35, ¼ oz. 80c., pkt. 10c.

122 Veitch's Autumn Giant.—This is a late variety with fine, well proportioned heads. The heads are large, very white and of the best quality. The heads are so well protected by the foliage as to remain a long time fit for use. The plants should be started early in the season to insure their full development. Gives excellent results in British Columbia. ¼ lb. \$6.00, oz. \$2.00, ½ oz. \$1.15, ¼ oz. 75c., pkt. 10c.

116 World's Best Snowball (Gilt Edge).—This strain is imported direct, exclusively for our large market garden trade, from the most famous European grower of the "Snowball" Cauliflower. The large, handsome heads measuring eight to ten inches across, are pure snowy white, very close, compact, and of the finest quality. The heads are so extremely solid and deep and nearly globe-shaped that they weigh heavier than most other Cauliflowers of the same size. Oz. \$5.00, ½ oz. \$2.75, ¼ oz. \$1.50, pkt. 25c.

CHERVIL

136 Double Curled.—Cultivate like Parsley. The leaves are used for flavoring. ¼ lb. \$1.50, oz. 50c., pkt. 10c.

CHIVES

Hardy little perennial members of the onion tribe. The tops appear very early in spring and can be cut throughout the season. It should have a place in every garden.

139 Chive Seed.—Pkt. 25c.

139 ½ Chive Roots.—Bunch 20c., 3 bunches for 50c., doz. for \$2.00.

CITRON

231 Colorado Preserving.—Green Seed. Very large and immensely productive. Lb. \$2.25, ¼ lb. 75c., oz. 25c., pkt. 10c.

232 Red Seeded Citron.—For preserves. Lb. \$2.25, ¼ lb. 75c., oz. 25c., pkt. 10c.



115—Danish Dry Weather. Pkt. 25c.

CELERY

CULTURE—One ounce will sow a bed of nine square yards, and produce about 4,000 plants. Seed should be sown in boxes or in hot beds in March for early use, and in April for late use. When plants are large enough they should be transplanted into trenches about 10 inches deep and 15 inches wide into the bottom of which has been worked 4 or 5 inches of well-rotted manure. As the plants grow the earth should be kept drawn up around them, to keep the stalks from spreading. Give plenty of water at all times.

127 Paris Golden Yellow (Self-Blanching—Extra Select.)—(True French grown stock). It is quite early, entirely self-blanching, and can be grown without any banking up or covering whatever; even the outer ribs assuming a yellowish white color. The heart is of a beautiful golden-yellow color, very large, crisp and solid. Unequalled in striking appearance, and decidedly one of the best keepers of the self-blanching varieties. Oz. \$1.80, ½ oz. \$1.00, ¼ oz. 60c., pkt. 25c.

128 White Plume.—Handsone, crisp and solid; of a rich, nutty flavor; unsurpassed for fall and early winter. White Plume is the earliest Celery known. ¼ lb. \$2.00, oz. 75c., pkt. 10c.

129 Giant White.—Grows taller than Paris Golden, and the stalks are remarkably large, thick, solid and entirely stringless. It is the largest celery grown as regards width and thickness of stalks. Always very crisp and brittle, snapping like glass. The best keeper of all Celeries. ¼ lb. \$2.00, oz. 75c., pkt. 10c.

125 Golden-Hearted Easy Blanching.—Medium size and good keeping Celery. ¼ lb. \$2.00, oz. 75c., pkt. 10c.



127 Paris Golden Yellow Celery.
Oz. \$1.80, ½ oz. \$1.00, ¼ oz. 60c., Pkt. 25c.

CRESS OR PEPPER GRASS

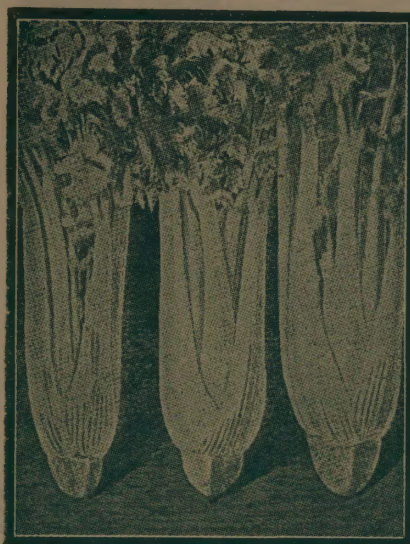
(One ounce will sow about fifteen square feet.)

CULTURE—Sow thickly in shallow drills, very early in spring and every two weeks through the season, give occasional waterings. Two ounces will sow ten square feet three times. Use as salad before flowers appear. Transplant the Water Cress, when rooted, to the banks of a running stream.

162 Extra Curled.—Standard sort, very fine for salads, may be cut two or three times. Lb. \$1.25, ¼ lb. 50c., oz. 20c., pkt. 10c.

161 Upland (Barbarea Vulgaris.)—Grown as Spinach and used exactly as Water Cress, which it so much resembles in taste that the difference is scarcely discernible, and its use should become more general, as it is of easy culture, and earlier, and can be grown easily for two years without resowing. ¼ lb. \$2.25, oz. 75c., pkt. 10c.

164 Water Cress.—Well known hardy perennial aquatic plant. Is easily grown along margins of ponds and streams, where it increases both by spreading roots and seeding. Has a pleasant, pungent flavor. Growing Water Cress should prove a profitable enterprise where the conditions are favorable. ¼ lb. \$3.00, oz. \$1.20, pkt. 15c.



129 Giant White Celery. Oz. 75c., Pkt. 10c.

TURNIP-ROOTED CELERY

135 Celeriac Large Smooth Prague.—Produces turnip-shaped roots which may be cooked and sliced and used with vinegar, making a most excellent salad.

¼ lb. \$1.75, oz. 60c., pkt. 10c.



189 Endive—Green Curled. Pkt. 10c.

ENDIVE

Culture—For early use sow thinly in May, in drills one foot apart, and for a succession, every two or three weeks until midsummer. A rather moist situation in the garden is preferable. To blanch the leaves gather them carefully together when perfectly dry and tie near the top, and draw the earth up around the plants.

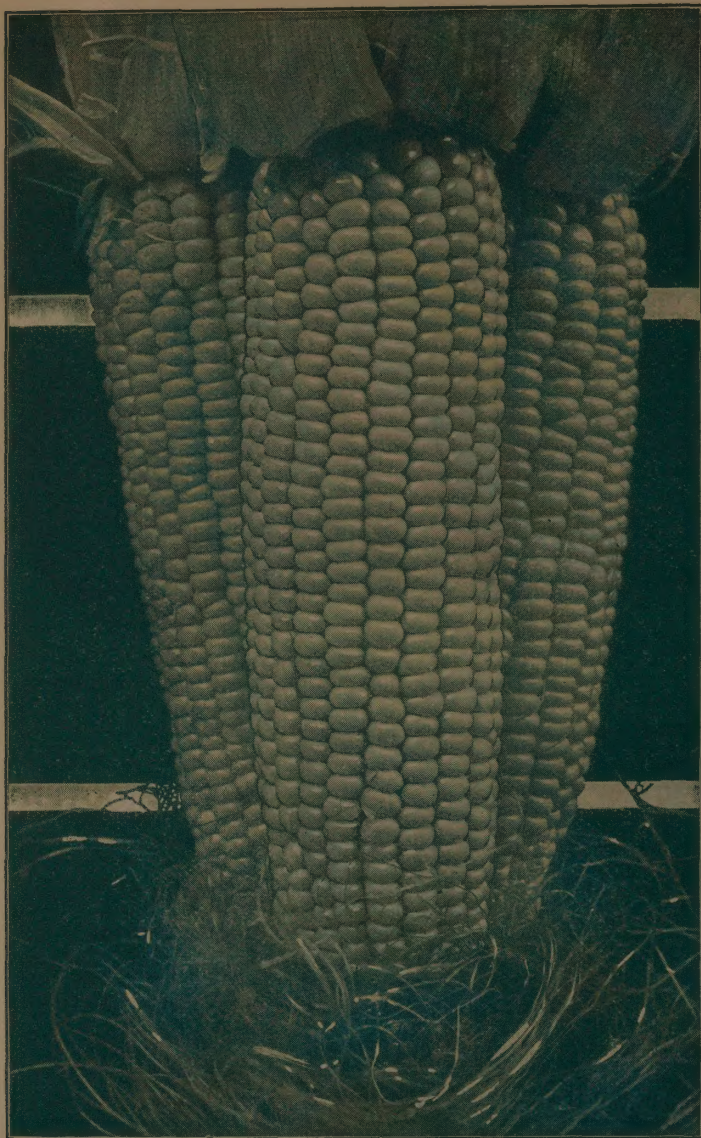
189 Green Curled (Moss Curled).—Hardest variety; the most desirable for home use or market garden. Deep green leaves, beautifully cut and curled; easily blanched. Lb. \$1.75, ¼ lb. 60c., oz. 25c., pkt. 10c.

190 Broad Leaved Batavian (Escarole).—Broad, thick and slightly wrinkled leaves; form very large heads, which are much used in soups. Lb. \$1.75, ¼ lb. 60c., oz. 25c., pkt. 10c.

GARLIC

191 Garlic Sets.—A bulbous root of the onion type, used for flavoring. Culture same as onion, except that the bulbs (sets) should be divided and planted in rows 1 to 3 feet, putting the sets 6 inches apart in rows, and one inch deep. When the tops turn yellow, take up and dry in the shade. 5 lbs. \$2.00, lb. 55c.

“CELERY CULTURE” by W. R. Beattie, contains much valuable information. Price—75 cents.



159 Bantam Evergreen Corn. Lb. 60c., pkt. 10c.

151 Kendel's Early Giant.—A selection of Sweet Corn; ears of large size, kernels pure white, sweet and tender. Market gardeners find this one of the best for market. Ready for market in about 65 to 70 days. 5 lbs. \$2.10., lb. 50c., $\frac{1}{4}$ lb. 20c., pkt. 10c.

153 Black Mexican.—A black-grained variety, sweet and tender. Must be cooked young to avoid blackening in cooking. Ears about eight inches long, eight rowed. Height $6\frac{1}{2}$ feet. 5 lbs. \$2.10, lb. 50c., $\frac{1}{4}$ lb. 20c., pkt. 10c.

152 Perry's Hybrid.—Second Early, with large ears, white, deliciously sweet and tender. Ears about eight inches long, twelve or fourteen rowed. Height 6 feet. Our stock is selected. 5 lbs. \$2.10, lb. 50c., $\frac{1}{4}$ lb. 20c., pkt. 10c.

154 Country Gentleman.—A remarkably delicious corn for the table; ears produced in abundance; sweet and tender. 5 lbs. \$2.30, lb. 55c., $\frac{1}{4}$ lb. 20c., pkt. 10c.

157 Stowell's Evergreen.—Remains for a long time in fit condition for table use. A great favorite; large and delicious. Highly recommended.

5 lbs. prepaid \$2.30, lb. 55c., $\frac{1}{4}$ lb. 20c., pkt. 10c.

SQUAW CORN

156 Native Squaw.—Is the only corn that will ripen in the North-West before the early frosts set in. Though not a sweet corn, it has an excellent flavor when cooked; tender and milky. The kernels are of many colors, blue, red, yellow and white on the same cob, and this peculiar coloring gives an attractive appearance to the corn when served for table use. 5 lbs. \$2.10, lb. 50c., $\frac{1}{4}$ lb. 20c., pkt. 10c.

158 White Rice Pop Corn.—Very Early, fine white variety; ears 4 to 5 inches long and 1 to $1\frac{1}{2}$ inches in diameter. Kernel pointed. Best variety for popping. 5 lbs. \$1.25, lb. 30c., pkt. 10c.

SWEET CORN

1 lb. for 100 hills; 10 lbs. for an acre.

CULTURE.—Plant about the middle of May, in rows $4\frac{1}{2}$ feet apart and the seeds placed about 8 inches apart in the row or in hills three feet apart each way depositing five grains in each hill, covering half-inch deep. For succession, plant every two weeks until July. Do not plant before ground has become warm.

NEW GOLDEN GIANT

150 Golden Giant.—The most desirable sweet corn on the market to-day. Golden Giant is the Howling Mob crossed with Golden Bantam. It is delicious eating.

A second early variety producing twelve to sixteen rowed ears twice the size of Golden Bantam and deep golden yellow kernels, gives nearly four times the yield per acre that the Golden Bantam does. In flavor it is equal to the Golden Bantam. 5 lbs. \$3.25, lb. 80c., $\frac{1}{4}$ lb. 25c., pkt. 15c.

BANTAM EVERGREEN

159 Bantam Evergreen.—Is as sweet as "Golden Bantam" and produces a larger cob. It has proven itself a great success with our customers, enabling market growers to furnish merchantable size cobs of Sweet Corn, superior in quality to any other. The kernels are plump, and full under an exceedingly tender cream-colored skin, that fairly melts in the mouth and yields a most exquisite and delicious flavor. 5 lbs. \$2.50, lb. 60c., $\frac{1}{4}$ lb. 25c., pkt. 10c.

GOLDEN BANTAM

148 GOLDEN BANTAM is a distinctly first early sort. Ready for the table much earlier in spring than the other first early varieties. The grains are a rich, creamy golden color, and meltingly tender, with a most delicious flavor when cooked. The ears are between 5 and 7 inches long, well protected by a close folding, firm husk. This is a variety we can strongly recommend for extra earliness, extra hardness, fine quality, tenderness and delicious flavor. 5 lbs. \$2.30, lb. 55c., $\frac{1}{4}$ lb. 20c., pkt. 10c.

HOWLING MOB

149 Howling Mob.—A large eared sweet corn, ready for use about five days later than First of All, generally producing two good ears to a stalk, averaging 7 to 9 inches long, with 12 to 14 rows of pearly-white grains. The stalks grow 4 to 5 feet high. An excellent home or market sort. 5 lbs. \$2.30, lb. 55c., $\frac{1}{4}$ lb. 20c., pkt. 10c.

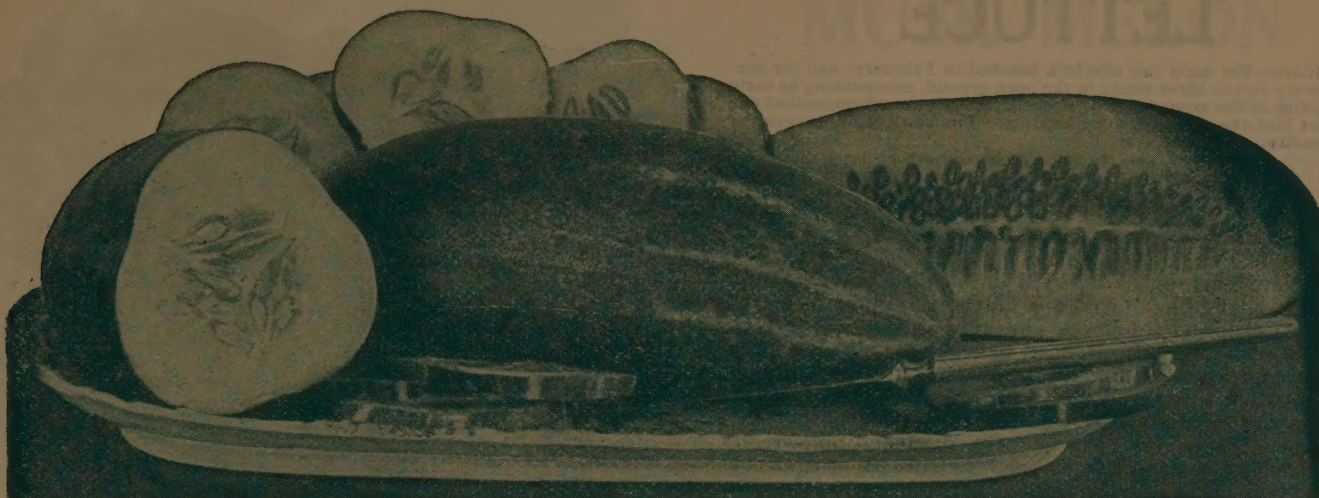
142 First of All (Red Cob Cory).—Ready a week earlier than White Cory, making it very desirable not only for the garden, but extremely valuable to grow for the market. 5 lbs. \$2.10, lb. 50c., $\frac{1}{4}$ lb. 20c., pkt. 10c.

143 Crosby's Early Sugar.—A good second early Corn, especially valuable to market gardeners, who always find a ready sale for large, well filled ears. Quality is excellent. It is also a very productive variety, averaging two to three ears to a stalk. 5 lbs. \$2.10, lb. 50c., $\frac{1}{4}$ lb. 20c., pkt. 10c.

145 Ringleader.—Is an extremely early sugar corn, usually fit to use in 55 to 60 days from sowing seed. Tested alongside of 70 varieties, it has proved to be earlier than any other. Ringleader is not only the earliest of all good sweet corns, but is one of the sweetest and best. It has beautifully shaped ears, with white cobs, white kernels, and is 8 to 12 rowed. 5 lbs. \$2.10, lb. 50c., $\frac{1}{4}$ lb. 20c., pkt. 10c.

EXTRA EARLY WHITE CORY

146 Extra Early White Cory.—Ready for use a few days later than First of All. Produces ears of good size, sweet and juicy. Recommended for market gardeners. 5 lbs. \$2.10, lb. 50c., $\frac{1}{4}$ lb. 20c., pkt. 10c.



CUCUMBER

166—Davis' Perfect Cucumber.
 $\frac{1}{4}$ lb. 75c., oz. 25c., pkt. 10c.

CULTURE.—Plant from the middle of May to middle of June, in hills four feet apart each way, elevating the hills a little above the level of the ground. Put eight or ten seeds into each hill, covering them half-inch deep with fine soil, and press the earth a little over the seeds with the back of a hoe; keep the ground loose and clear of weeds, and in dry weather water occasionally; thin out, leaving four thrifty plants to a hill. 1 oz. to 50 hills; 2 to 3 lbs. in hills for an acre. Prices (except otherwise quoted). Lb. \$2.25, $\frac{1}{4}$ lb. 75c., oz. 25c., pkt. 10c.

180 Early Fortune Cucumber.—This variety of Cucumber was discovered several years ago in a field of "Davis' Perfect", and is now so thoroughly established that large fields do not show any variation in plant or fruit. The vines make a strong and vigorous growth, producing abundant crops of Cucumbers, which are slightly longer than Arlington White Spine, more cylindrical in shape and have a very dark green skin. The flesh is thick, seed cavity relatively small and the quality excellent. This variety is one of the best introduced in years. Lb. \$2.50, $\frac{1}{4}$ lb. 75c., oz. 25c., pkt. 10c.

166 Davis' Perfect Cucumber.—Dark rich, glossy-green in color, slim and symmetrical in shape, 10 to 12 inches in length, of splendid table quality and highly productive. In appearance, color, shape and flavor it is equal to the hothouse varieties. Fine for growing in frames.

165 White Wonder.—A white Cucumber which is exceedingly fine in quality. Its color makes it one of the finest vegetables for exhibition at fairs, and it never fails to win a prize. (Stock limited.) Oz. 55c., pkt. 15c.

168 Fordhook Famous White Spine.—One of the most popular of all cucumbers handsome and attractive in appearance. The fruits retain their dark green coloring and crisp freshness longer after pickling than any other variety. Productive. None better for general market.

171 Perfection (White Spine)—Cool and crisp. Specially recommended for market, table and pickling purposes. Its merits are extra large sizes, uniformly symmetrical fruits, deep green color at all stages of its growth; early, continuous and prolific bearer; and ideal for slicing.

174 Improved Extra Early White Spine (Arlington)—An excellent variety which produces an early crop of Cucumbers. The fruits are straight, light green with white spines, and are crisp, tender, and of good flavor. Good for general crop.

175 London Long Green.—Most extensively grown; of excellent quality, dark green, firm and crisp, about one foot long. The finest type of Long Green Cucumber.

DANDELION

186 Thick Leaved.—Dandelion is fast becoming the favorite spring green on the market. An improvement on the common sort, the leaves being double the size. $\frac{1}{4}$ lb. \$1.75, oz. 60c., pkt. 10c.

176 Chicago Pickling (Westerfield).—This is one of the best and most prolific for producing pickles of medium size, for both home use and market. The vines are extremely vigorous and healthy, yielding a large number of fruits if kept gathered at the proper stage. Skin extremely thin, tender and free from toughness when pickled. If allowed to grow nearly full size, fruits are of excellent table quality.

181 Snow's Pickling (New).—This is without doubt the best variety for pickling on account of its fleshy, crisp and excellent flavor and productiveness. We offer a strain of most carefully selected seeds from fields inspected by us and under our own direct supervision.

183 Japanese Climbing (True Japanese Grown).—A distinct and valuable type, may be grown on a trellis, taking up less room in the garden and keeping the fruits up from the ground and clean. It produces large, fine fruits, adapted for either slicing, salads or pickling, and thrives during dry, warm summers. Lb. \$3.50, $\frac{1}{4}$ lb. \$1.10, oz. 40c., pkt. 10c.

ENGLISH FORCING CUCUMBERS

184 Rollison's Telegraph.—These produce remarkably long and very solid fruits, with few and small seeds. Rollison's Telegraph is not recommended for open-ground culture.

Our seed is from the best English strains. Light green smooth skin; length from 14 to 16 inches; an abundant cropper. Pkt. (ten seeds) 25c.

185 Covent Garden Favorite (Rochford's).—Beautiful long dark green fruit; very strong constitution; prolific; spined. We believe it to be the heaviest cropping variety. Pkt. (ten seeds) 20c.

EGG PLANT

Culture—1 oz for 1000 plants.—Sow in hot-beds first week in April, protect at night; plant out about June 1st, about 2 $\frac{1}{2}$ feet apart.

187 Improved New York, Large Purple—Absolutely spineless; finest type of this standard variety. The plants grow low, stalky and branching, bearing early and almost continuously. The fruits are large and satiny smooth and are a rich purple color. Oz. \$1.50, pkt. 10c.



187. Egg Plant—Improved New York Pkt. 10c.

LETTUCE

Culture—For early use sow in a hot-bed in February, and for succession every two or three weeks in the open ground, commencing as early in the spring as the ground can be worked. Thin out and transplant one foot apart into the richest soil for heading. The more rapid growth the better quality.

Prices (Except where otherwise quoted) Lb. \$2.90, ¼ lb. \$1.00, Oz. 35c, Pkt. 10c.

NEW YORK HEAD LETTUCE

200 New York or Wonderful (also called Los Angeles)—is the Leader of summer head Lettuces. Immense heads of unusual size and solidity. The interior blanches beautifully, creamy-white, crisp, tender, delicious and is absolutely free from any trace of bitterness. It is a very large, robust-growing variety, rooting deeply, resisting hot, dry weather, very slow to run to seed, and a sure header under most trying conditions. The outer color is of a distinct apple-green. As a standard hot-weather summer Lettuce it is in every way desirable and has no equal, but is not recommended for forcing. Lb. \$4.25, ¼ lb. \$1.50, oz. 50c., pkt. 10c.

201 Unrivalled Big Boston.—A sure-heading variety, suitable for growing at any season. Forms large, compact, buttery heads, and is slow to shoot to seed. The general character is similar to the original "Big Boston," except that the color is a lighter green. The seed we supply was secured from the originator.

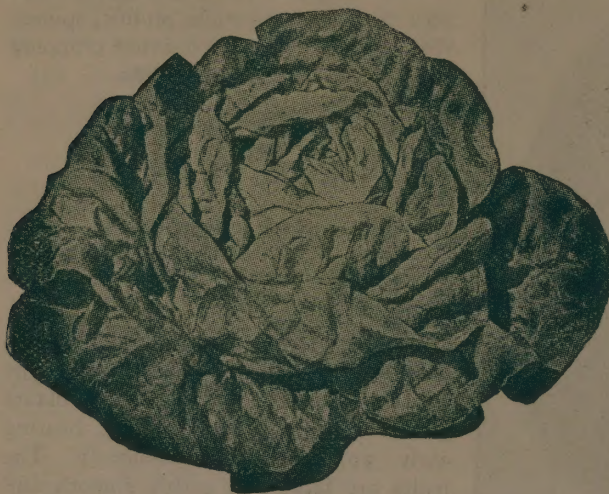
204 Grand Rapids (Forcing.)—The best known and probably the most largely planted of any variety. Early spread, hardy, dependable, it is a favorite with market gardeners both for planting outside or growing under glass. The leaves are large, light green, quite crimped throughout, but especially frilled at the border. They grow compactly without forming a distinct head, are of firm texture, and of good quality either for family use or for shipping. Can be planted later than most sorts as its vigorous growth enables it to withstand the summer heat.

214 Early Curled—Forms beautiful large, solid heads; very tender, and of excellent flavor. Slow seeding. Lb. \$2.75, ¼ lb. 90c., oz. 30c., pkt. 10c.

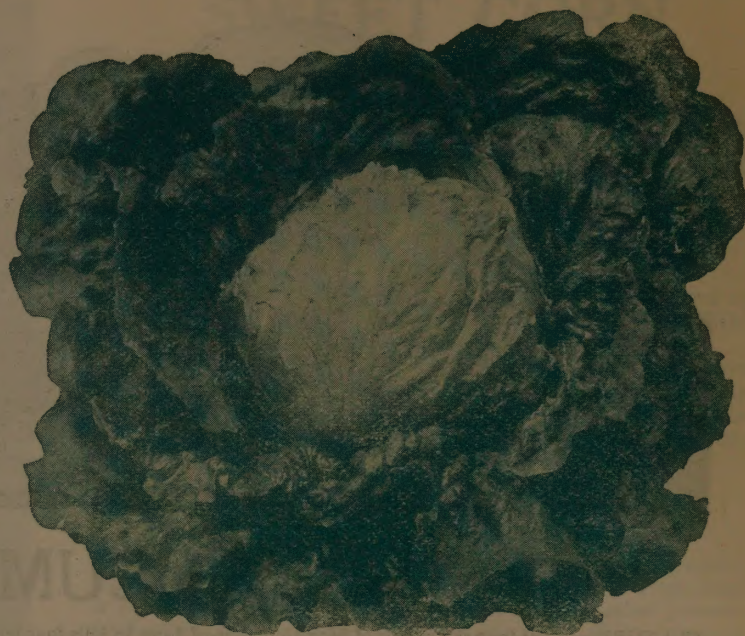
215 Toronto Market Gem.—Heads very solid and of good flavor. Color yellowish green and suitable for forcing and open air cultivation.

COS OR CELERY LETTUCE

218 Silver Cos.—We introduce this variety as the finest and most highly selected White Cos Lettuce in cultivation; it is of largest size, perfect form, self-folding, and very crisp; it does not easily run to seed, is of very superior quality and grand for exhibiting. Lb. \$2.90, ¼ lb. \$1.00, oz. 35c., pkt. 10c.



201. Unrivalled Big Boston Head Lettuce, oz. 35c., pkt. 10c.



210. Selected Nonpareil Lettuce, oz. 35c., pkt. 10c.

SELECTED NONPAREIL

210 Selected Nonpareil—"Once tasted, always wanted," is the happy expression of an admirer, and this is the unanimous opinion of all who have eaten this splendid head lettuce, its chief merit being quality. Especially well adapted to open-air culture in Canadian soil and climate. The edges of the leaves are slightly fringed, and the leaves themselves are crumpled, but not really savoyed. The head proper is hard, tender and crisp, with a white or blanched appearance at the centre. The heads of this lettuce have been known to attain a weight of five pounds.

206 Iceberg.—The large curly leaves which cover the outside of the solid heads are of a bright, light green, slightly tipped with red on edges. It is always crisp and tender.



218. Silver Cos Lettuce, pkt. 10c.

LEEK

Culture.—Sow early in spring in drills fifteen inches apart, and thin to six inches. Hoe the earth up to them in course of cultivation. If it is intended to blanch them white and tender, transplant them when six or eight inches high into drills four inches deep, and earth up like celery.

196 English Flag—A hardy kind, large strong plants with broad leaves. Cultivation the same as for onions. Lb. \$3.00, ¼ lb. \$1.00, oz. 35c, pkt. 10c.

KOHL-RABI

Culture—Sow early in spring in drills 14 inches apart, and thin to six inches. Cultivate like turnips or early cabbage.

193 Earliest White Vienna—Greenish white outside, with clear white flesh within. Smooth, short leaf; good for forcing; fine in quality. ¼ lb. \$1.75, oz. 60c, pkt. 10c.

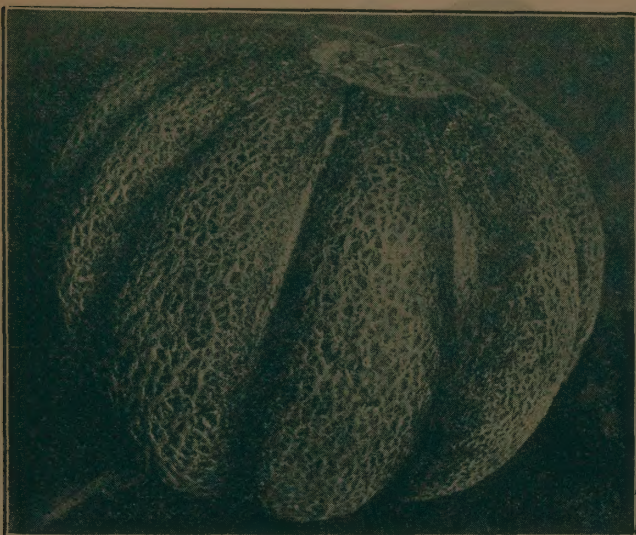
194 Improved Green Goliath—Very large. ¼ lb. \$1.75, oz. 60c, pkt. 10c.

195 Earliest Purple Vienna—Same in every respect as the Earliest White Vienna, except in the outside color. ¼ lb. \$1.75, oz. 60c, pkt. 10c.



196 Leek—English Flag. Pkt. 10c.

TRY A PACKAGE OF NEW YORK OR WONDERFUL LETTUCE, VERY POPULAR. Pkt. 10 CENTS.



220. Montreal Improved Nutmeg Muskmelon (Decarie Strain) Oz. \$2.00, pkt. 25c.

WATERMELONS

One ounce for 30 hills; four to five pounds for an acre.

Culture.—See directions given under Muskmelons. Watermelons, however, are slightly less subject to "bug" depredation and disease attacks than Muskmelons. At the same time they are more easily hurt by strong spray mixtures, and caution in the use of such mixtures is advisable. Prices (except as otherwise quoted): Lb. \$2.25, $\frac{1}{4}$ lb. 75c., oz. 25c., pkt. 10c.

234 Cole's Early.—This is one of the finest early Watermelons; flesh deep red, sweet delicate flavor.

235 Early Canada.—One of the earliest fine flavored Watermelons in cultivation. The flesh is a beautiful clear, bright pink, solid, and of the finest quality.

236 Iceberg.—This is the hardest Melon we know of—ripens very early, flesh rich deep pink, crisp and melting, remarkably sweet, sugary flavor. Try it.

239 Hungarian Honey.—Very luscious, of good size, round and productive, skin medium dark green, flesh bright red.

240 Peerless or Improved Ice Cream.—Unequaled for family use. Solid to the centre, melting and delicious.

243 Tom Watson.—An extra long Melon of attractive appearance, uniform in shape and quality. The luscious crimson flesh is "as sweet as honey," melting, and of superb flavor. The average Melon will weigh 35 to 40 pounds. It is very prolific, producing in greatest abundance the large delicious fruits.

MUSHROOM SPAWN

Culture—Ask for Leaflet

Pure Culture Spawn.—This type produces larger Mushrooms and is more prolific than the English, bearing much earlier, and continuing to crop for a longer time. This Spawn is produced by selecting spores from individual specimen Mushrooms, and is propagated and transferred to the bricks of manure, which, when planted, produce Mushrooms of all one type.

246 Pure Culture Spawn (Direct Grade).. Brick 45c., 5 bricks \$2.00, not prepaid. Per brick 70c. 5 bricks \$3.25, prepaid.

247 Pure Culture Spawn (Standard Grade).—Brick 40c., 5 bricks \$1.75, not prepaid; Per brick 65c., 5 bricks \$3.00, prepaid.

248 ENGLISH SPAWN.—We make a specialty of the genuine English "Milltrack" Mushroom Spawn, and receive several importations a year. Spawn fresh and genuine at all times. A brick weighs $1\frac{1}{4}$ lbs. and plants 2 feet by 3 feet. Per brick 25c., 5 for \$1.00, not prepaid, brick 50c., 5 bricks for \$2.35. Prepaid.

MUSTARD

(One ounce will sow about 50 feet of drill)

Culture.—Sow rather thickly in rows in a hotbed as early as possible in the spring, or in the open ground in May. Repeat the sowing about every fortnight for a succession. It is cut and mixed with cress for salad when about two inches high.

251 White English.—Best for salads. Seeds used for mixing with pickles. Lb. \$2.00, $\frac{1}{4}$ lb. 75c., oz. 25c., pkt. 10c.

MUSK MELON

1 oz. for 60 Hills

Culture.—Select a light, sandy, rich soil, after danger of frost is over and the ground has become warm; plant in hills four to six feet apart each way, six to twelve seeds to the hill. When up and all danger of insects has passed, pull out all except three plants. Cultivate until the vines cover the ground, and pinch the ends off the growing shoots to induce early fruiting. Ashes, lime, or even dry dust is excellent to sift over the young plants when the dew is on to prevent the attacks of insects. Do not plant near pumpkins or squash. Prices except where otherwise quoted: Lb. \$2.75, $\frac{1}{4}$ lb. 90c., oz. 30c., pkt. 10c.

219 Honey Dew.—This exceedingly fine Melon commands a high price in some markets where it has become known. The fruit has a smooth, almost white rind and measures about six inches in diameter by seven to eight inches long. The flesh is green, thick and of peculiar sweet flavor, resembling that of a well-ripened banana. $\frac{1}{4}$ lb. \$1.20, oz. 40c., pkt. 10c.

220 Montreal Improved Nutmeg (Famous Decarie Strain).—Flesh light green, densely netted skin, savor unsurpassed by any. This is the true Montreal Melon so largely exported to the large New York hotels. True stock selected from the best specimens. Oz. \$2.00, pkt. with special cultural directions 25c.

221 Early Hackensack.—Extra early; of medium size; flesh green; delicious.

222 Cassaba Golden Beauty.—One now sees the Cassaba in all the Eastern markets, and it is on the bills of fare of all the finest restaurants. This one we recommend as the best. It begins to ripen in July and continues bearing and ripening all summer and fall, or until frost comes. The later fruits can be stored in a cool house or cellar and will ripen slowly, so that they can be marketed from time to time until late in January or early February. The fruits are about six to eight inches in diameter. The flesh is pure white and very thick. Lb. \$3.50, $\frac{1}{4}$ lb. \$1.20, oz. 40c., pkt. 10c.

223 Delicious Gold Lined Rocky Ford.—The flesh is green, with slight golden tint next to the seed cavity, and the flavor is delicious, being remarkably sweet and juicy. Vines are productive and Melons mature early, making it desirable both for the home garden and for shipping.

224 Paul Rose (Salmon Fleshed).—Very heavy cropper, ripening an enormous number of fruits early in the season. Flesh is salmon-colored, very deep, and of fine melting character, with thin tough rind.

225 Green Nutmeg (American Seed).—Flesh light green, fine flavor.

226 Hoodoo (Orange Flesh).—An ideal basket and crate Melon of medium size, round, heavily netted, flesh very thick, of rich orange color, handsome appearance and of the sweetest flavor. The seed cavity is small and the rind is very tough, making it a good shipper; its vine is a vigorous grower and a heavy cropper. Lb. \$3.50, $\frac{1}{4}$ lb. \$1.20, oz. 40c., pkt. 10c.

227 Miller's Cream or Osage.—A remarkably good variety of large size and delicious flavor, flesh rich salmon, very thick and solid.

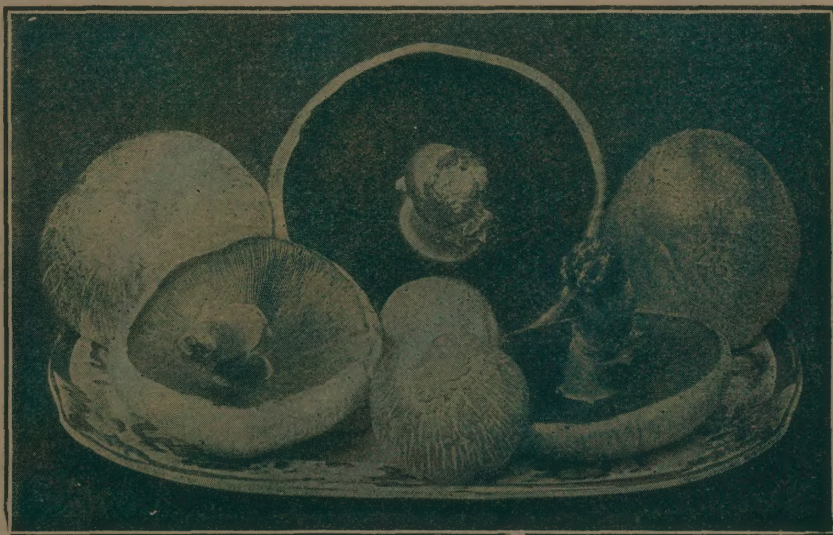
229 Irondequoit.—Fine netted skin, yellow when ready for picking, with beautiful dark orange-colored flesh, added to rich, rare and spicy flavor, at once places the Irondequoit far in advance of all other

230 Mango Melon (Vegetable Peach).—Grows on a vine like a Melon; golden yellow, resembling an orange. Fine for sweet pickles. Succeeds in North-West. oz. 30c., pkt. 10c.

CITRONS—for Preserving

231 Colorado Preserving.—Green seed. Very large, and immensely productive. $\frac{1}{4}$ lb. 75c., oz. 25c., pkt. 10c.

232 Red Seeded Citron.—For preserves. $\frac{1}{4}$ lb. 75c., oz. 25c., pkt. 10c.



246 Pure Culture Spawn—Direct Grade.
5 bricks \$3.25, 1 brick 70c., prepaid.

HOODOO MUSKMELON IS NOW VERY POPULAR—WELL SUITED FOR CANADA. No. 226. Pkt. 10c.

ONIONS

1 oz. to 100 ft. of drill; 5 lbs. to an acre.

Culture.—Prepare the ground by mixing well-rotted manure with soil, and raking the surface fine and even. Sow in drills one foot apart as soon as the ground can be worked in the spring. Thin to two inches apart. Keep using the rake and hoe frequently, taking care not to stir the soil too deeply or to collect it about the growing bulb. Never allow the weeds to get ahead of the young plants.

SUREST IN GROWTH

The most essential item in growing Onions for market is good seed—seed that will come up and seed that will produce the variety you want—cheap seed is very poor economy.

255 Australian Brown, Extra Early.—An early and very hardy variety, which does especially well in Canada. Should be planted early, on low, wet grounds to get large bulbs. The skin is thick and the color is a rich brown. Is specially noted as a good keeper, as it keeps well into spring, and much longer than other varieties. Lb. \$2.75, ¼ lb. 90c., oz. 30c., pkt. 10c.

LARGE YELLOW ONIONS

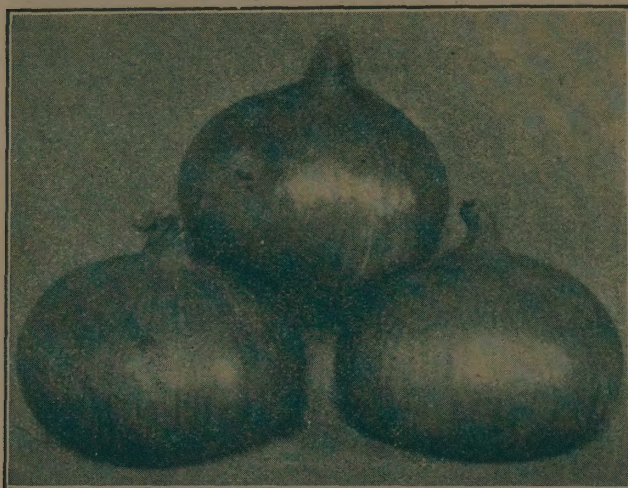
256 Early Yellow Danvers.—The best known and most generally used flat yellow Onion. Is the most hardy of all varieties for Canada and yields sure and large crops. Color bright orange yellow; flesh white and firm. A good keeper, early and of good size. It is also a good variety for transplanting to get early Onions. One of the standard varieties on our market, where it is often called "Silver-skin," although of a bright yellow color. 5 lbs. \$9.75, b. \$2.75, ¼ lb. 90c., oz. 30c., pkt. 10c.

258 Genuine Giant Yellow Prizetaker Onion.—The large size and handsome appearance of this Onion make it equally desirable for the home garden or for market. It is strictly "fancy," and will be found on fruit stands during the fall, where it is sold as Spanish Onion. The true Prizetaker Onion is globe shape, has pale yellow skin and white flesh, which is very mild and of delicate flavor. Lb. \$3.25, ¼ lb. \$1.10, oz. 40c., pkt. 10c.

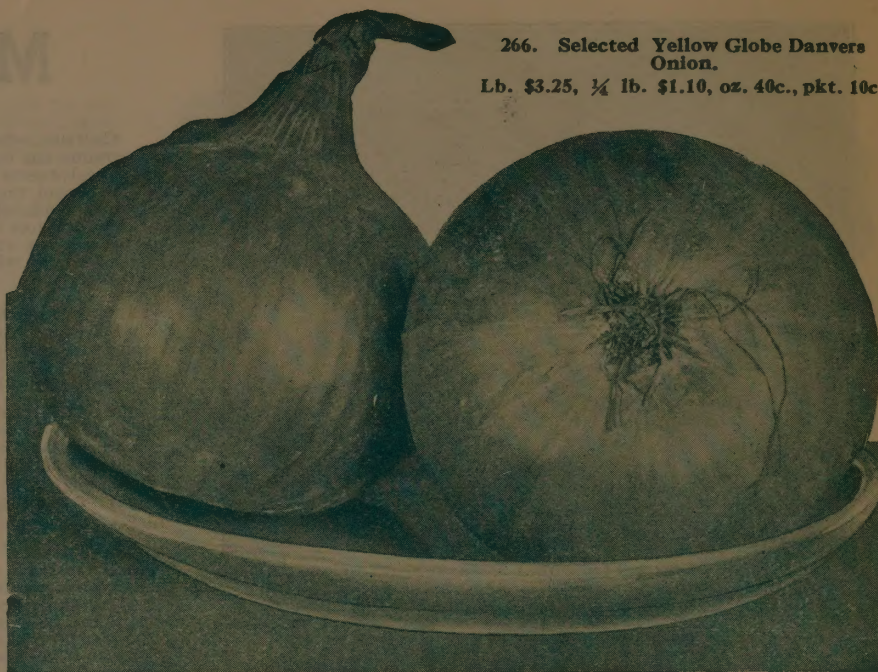
SELECTED YELLOW GLOBE DANVERS

266 Private Stock.—One of the most extensively used main crop yellow Onions. Bulbs of medium to large size, uniformly globe-shaped, with small neck, and ripen very evenly. Skin rich coppery yellow; flesh creamy-white, crisp, and of mild and excellent flavor. Keeps well; excellent for shipping. We have by careful selection and breeding, developed a selected strain which has the ripening habit, and small neck of the original Danvers, and yet is more globular, thus giving larger yields and handsomer bulbs without sacrificing any of the good qualities of the parent stock. 5 lbs. \$12.00, lb. \$3.25, ¼ lb. \$1.10, oz. 40c., pkt. 10c.

267 Southport Yellow Globe.—A large, handsome, globe-shaped variety, very productive, of mild flavor; an excellent keeper. Lb. \$3.25, ¼ lb. \$1.10, oz. 40c., pkt. 10c.



259. Large Red Wethersfield.
Lb. \$3.00, ¼ lb. \$1.00, oz. 35c., pkt. 10c.



266. Selected Yellow Globe Danvers Onion.
Lb. \$3.25, ¼ lb. \$1.10, oz. 40c., pkt. 10c.

270 Yellow Globe Danvers.—A good Onion both for home garden and for market, combining reliability in ripening with large yield. Skin pale yellow, flesh pure white, crisp, and mild in flavor. 5 lbs. \$11.50, lb. \$3.00, ¼ lb. \$1.00, oz. 35c., pkt. 10c.

EXTRA EARLY RED ONION

257 Extra Early Red.—This is one of the best Onions for the Canadian North-West. It can be made to produce fine marketable Onions in 90 days from the sowing of the seed, is of mild flavor, and keeps well. The color is a deep rich red, the grain is fine and close, and the Onion is solid and heavy. It is hardy and reliable, and well adapted for the early market. This onion will succeed almost anywhere, but is peculiarly fitted for northern latitudes, where the seasons are short and cool. 5 lbs. \$11.50, lb. \$3.00, ¼ lb. \$1.00, oz. 35c., pkt. 10c.

LARGE RED WETHERSFIELD

259 Large Red Wethersfield (Selected Strain).—The most profitable red onion for the market gardener, as it is the heaviest yielder, 600 to 800 bushels having frequently been harvested on a single acre from seed sown in spring. It is of good strong flavor, the best keeper and an excellent shipper. It grows to good size, single onions often weighing from 1 to 2 pounds. In short, it is the best red onion for everybody.

5 lbs. \$11.50, lb. \$3.00, ¼ lb. \$1.00, oz. 35c., pkt. 10c.

264 Red Globe Prize Winner.—A handsome Onion of immense size averaging 9 to 10 inches in circumference, solid, heavy, and of perfect globe shape, the skin is of a glossy, deep purplish-red color; flesh close-grained, sparkling white, cooking tender and mild. It is hardy, a splendid keeper, and a big yielder, averaging under good culture from 800 to 1,000 bushels per acre. Our strain of this seed is absolutely unsurpassed, being grown by experts from bulbs critically selected for largest size, solidity, brilliant rich color and typical globe shape, with small necks. Lb. \$3.25, ¼ lb. \$1.10, oz. 40c., pkt. 10c.

THE "NEW ONION CULTURE"

By T. Grenier.

Price \$1.00 postpaid.

MAGOTITE—Destroys Insects Which Attack Onions.

Postpaid Prices: 2 lb. pkg. 70c.; 4 lb. pkg. \$1.30; 8 lb. pkg. \$2.30.



258. Giant Prizetaker $\frac{1}{4}$ lb. \$1.10, oz. 40c., pkt. 10c.

LARGE WHITE ONIONS SOUTHPORT WHITE GLOBE

261 One of the most beautiful Onions grown, being of symmetrical globe shape, with a smooth satin white skin, forming a perfect silver ball. It grows to a large size, averaging $7\frac{1}{2}$ to 9 inches in circumference, and is solid and heavy; the flesh is purest white, close and fine grained, mild and of delicate flavor. It is a heavy cropper, yielding under good culture up to 900 bushels per acre. Our strain of this seed is grown from picked thin-necked bulbs, which ripen so uniformly and cure so thoroughly that the Onions keep nearly as well as the Red and Yellow varieties. For the family garden, as well as for market, this is a valuable Onion. Lb. \$5.00, $\frac{1}{4}$ lb. \$1.75, oz. 60c., pkt. 10c.

271 White Portugal or Silverskin—A mild and pleasant Onion of somewhat flattened shape. It is very popular for family use and one of the best for pickling, also for slicing or boiling. A favorite with many, when young, as a salad or bunching Onion; excellent for winter. This variety is largely grown for sets, and is regarded as a standard sort on account of it being hard and firm. Lb. \$4.25, $\frac{1}{4}$ lb. \$1.35, oz. 45c., pkt. 10c.

274 Mammoth Silver King—Very large, averaging 5 to 6 inches in diameter; matures early. Skin silver white, flesh snowy, tender, mild and sweet. Specimens of this variety have been grown to weigh as high as 4 lbs. Lb. \$5.00, $\frac{1}{4}$ lb. \$1.75, oz. 50c., pkt. 10c.

ONION SETS

One quart of Dutch Sets is needed for 40 feet of drill.

280 Yellow Dutch or Bottom Sets.—Fine dry sets, medium in size and unsprouted. Fine for raising early big Onions. 5 lbs. \$1.70, lb. 35c.

282 White Dutch or Bottom Sets.—Our sets of these are very choice, small, dry and unsprouted. Produces large onions of fine flavor. 5 lbs. \$1.90, lb. 40c.

YELLOW MULTIPLIER

283 Potato or Yellow Multiplier.—Many of our customers prefer Multipliers or Potato Onions to Dutch Sets on account of their cluster growing habit. One bulb will throw out six to twelve sprouts. If left to grow to maturity, they will grow onions of moderate size, making good cookers. The matured Onion forms in divisions and is an excellent keeper, of a remarkably fine mild flavor. 5 lbs. \$1.70, lb. 35c.

284 Shallots.—Similar to Potato Onions; produces green Onions of good quality. 5 lbs. \$1.70, lb. 35c.

OKRA OR GUMBO

(One ounce will plant 100 feet of drill.)

252 Long Green.—Long-ribbed pods, this variety generally succeeds the best of any. Lb. \$2.00, $\frac{1}{4}$ lb. 75c., oz. 25c., pkt. 10c.

WHITE PICKLING ONIONS

285 White Barletta—This variety is most distinct on account of its great earliness. It is of a beautiful waxy white color, with finely formed bulbs, flattened at top. Its earliness highly recommends its use as a substitute for Onion Sets, and it is without rival for pickles.

Lb. \$5.00, $\frac{1}{4}$ lb. \$1.75, oz. 60c., pkt. 10c.

286 Silverskin.—A handsome Onion of mild flavor, extensively grown for pickling. lb. \$5.00, $\frac{1}{4}$ lb. \$1.75, oz. 60c., pkt. 10c.

278 White Bunching.—An extra early, round white variety, maturing large, snowy white Onions of very fine quality, long before the other sorts are ready. For early bunching or using green it is unsurpassed. Lb. \$4.25, $\frac{1}{4}$ lb. \$1.35, oz. 45c., pkt. 10c.

WHY YOU SHOULD PLANT ONION SETS

Onion Sets produce bulbs in one-half the time that is required by raising from seed: the planter is enabled thereby to get the highest market price for his early onions, and raise a second crop in the same year.

279 White Welsh—A very hardy, perennial variety of Onion used only for bunching or early-green onions. Much superior to the Egyptian Onion, which grows a tough, woody stem. This Onion is entirely free from this objection. Sow seed thinly in rows 12 to 16 inches apart. Perfectly hardy and requires no mulching. Seed may be sown in late summer or early fall months for early spring Onions, or in the spring for later use. Lb. \$4.25, $\frac{1}{4}$ lb. \$1.35, oz. 45c., pkt. 10c.

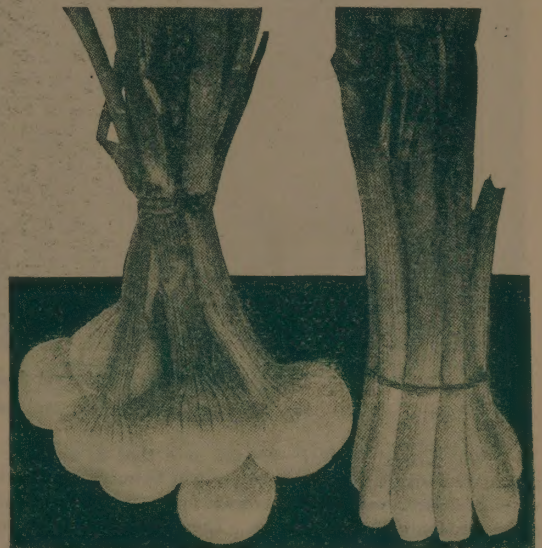
INDIAN CRESS (Nasturtium)

(One ounce will sow about 30 feet of drill.)

Culture.—Sow about the middle of May in the open ground, one inch deep, in patches, and train them to sticks. The seeds, when young and tender, are pickled as a substitute for capers, to which some prefer them. The leaves are eaten in salad, and are very tasty; are also used as a garnish.

2279 Tall Mixed Nasturtium—Lb. \$2.25, $\frac{1}{4}$ lb. 75c., oz. 25c., pkt. 10c.

2300 Dwarf Mixed Nasturtium—Lb. \$3.00, $\frac{1}{4}$ lb. \$1.00, oz. 30c., pkt. 10c.



278. White Bunching
 $\frac{1}{4}$ lb. \$1.35, oz. 45c.,
pkt. 10c.

279. Early White Welsh
 $\frac{1}{4}$ lb. \$1.35, oz. 45c.,
pkt. 10c.

GARDEN PEAS

A pound will plant about fifty feet of drill.

Culture—Peas of extra early smooth class are the very first thing to be planted in the garden in spring. The wrinkled sorts follow a little later, as they are not quite so hardy. Tall late varieties need support. Judicious selection of varieties and planting frequently for succession will give a full supply of the choicest green Peas almost during the entire season, with the possible exception of the hottest part of the summer. Open furrows three or four inches deep and three feet apart; scatter the seed Peas into them and cover with hoe or plow. Cultivate like corn or beans. The late tall sorts may be planted in double rows and brush stuck in between for support. All Garden Peas, however, require good, strong and fertile land. Heavy yields cannot be obtained on poor soil. The very dwarf sorts of the American Wonder type will succeed only on the very richest garden land, and may be planted in rows a foot apart.

BLUE BANTAM PEA

299 Burpee's Blue-Bantam Pea.—The dwarf, vigorous vines average fifteen inches in height and carry really enormous crops of large, deep, bluish-green pods. The handsome pointed pods, generally borne singly measure four to four and one-half inches long and are tightly packed with eight to ten large, deep bluish-green Peas. These Pease are not only large in size, but of most luscious flavor. The pods are ready to pick as early as American Wonder, while double the size—in fact, they average fully as large as Gradus! 5 lbs. \$2.75, lb. 60c., $\frac{1}{4}$ lb. 20c., pkt. 10c.

AMERICAN WONDER

301 American Wonder.—A leading dwarf wrinkled Pea; esteemed for earliness, productiveness, flavor, and quality. 5 lbs. \$2.50, lb. 55c., $\frac{1}{4}$ lb. 20c., pkt. 10c.

302 Extra Early Premium Gem.—12 inches. A well-known and very satisfactory variety for the home garden. 5 lbs. \$2.25, lb. 50c., $\frac{1}{4}$ lb. 20c., pkt. 10c.

PROSPERITY OR GRADUS

304 The Earliest Wrinkled or Marrow Pea Grown. Sweet, Luscious, Tender.—This popular new large-podded wrinkled Pea of finest quality matures pods only two or three days later than the small-podded round-seeded extra earlies. The vine has heavy stems with large light-green leaves, and grows three feet high. It produces uniformly large pods, measuring from four to four and a half inches in length, nearly round, and well filled with very large, handsome Peas of the finest flavor. The Peas remain tender and sweet for some time after they are large enough to use. 5 lbs. \$2.75, lb. 60c., $\frac{1}{4}$ lb. 20c., pkt. 10c.

305 Alaska.—The earliest blue pea, very uniform in growth, the dark green color of the pods, combined with its earliness, make it a most desirable extra early pea for market and private gardens. Height two feet. 5 lbs. \$2.25, lb. 50c., $\frac{1}{4}$ lb. 20c., pkt. 10c.

BEST EXTRA EARLY

306 Best Extra Early.—This superb strain excels in purity of stock and freedom from spots all other extra-early Peas ever offered in this country. Equally as early as Alaska, the Peas are much better in flavor. The vines are quite slender, of very quick growth, and average eighteen to twenty-four inches in height. The pods are well filled, and the entire crop can be gathered generally in one picking. A most profitable variety for market gardeners. 5 lbs. \$2.25, lb. 50c., $\frac{1}{4}$ lb. 20c., pkt. 10c.

307 Nott's Excelsior.—A fine extra early dwarf wrinkled Pea. 5 lbs. \$2.50, lb. 55c., $\frac{1}{4}$ lb. 20c., pkt. 10c.



300. Our Little Marvel Peas

lbs. \$2.75, lb. 60c., $\frac{1}{4}$ lb. 20c., pkt. 10c.

300 Little Marvel—We are sure that as soon as Canadian gardeners become acquainted with Little Marvel they will be more than satisfied with this variety. The vines, of dwarf, even growth, average fifteen inches in height and are heavily set with fine pods, frequently borne in pairs. The pods average two and one-half inches in length, are square at the bottom, and well filled with six to seven quite large, deep-green Peas. The peas are ready for the table fully as early as American Wonder or Nott's Excelsior, but the pods are larger and the vines produce a much heavier crop. All who desire a fine early crop of the choicest wrinkled Peas will be delighted with Little Marvel. 5 lbs. \$2.75, lb. 60c., $\frac{1}{4}$ lb. 20c., pkt. 10c.

THOMAS LAXTON

309 Thos. Laxton—A long-podded, extremely early wrinkled pea. It grows about three feet high, with a hardy robust vine. It is a heavy and reliable cropper of uniformly well-filled pods, which are deep rich green, square at end instead of having a long sloping point. 5 lbs. \$2.75, lb. 60c, ¼ lb. 20c, pkt. 10c.

LAXTONIAN

310 Laxtonian The Dwarf Gradus—The tall, extra early, Gradus Pea, with its large telephone-like pods and its exquisitely flavored Peas, is one of the most popular of all varieties. In Laxtonian we have a dwarf type of the Gradus with the same large pods—a few days later in season, but on the other hand requiring no stakes—and the same superlative quality Peas. This new Dwarf Pea is the largest podded of the early Dwarf Peas, and requires no supports of any kind. 5 lbs. \$2.75, lb. 60c, ¼ lb. 20c, pkt. 10c.

DWARF TELEPHONE

315 Dwarf Telephone—Grows to the height of 18 inches; large, handsome pods. The peas are of great flavor and excellence. The pods frequently measure 5 inches in length, and are broad, straight, and remarkably well filled, often containing 9 or 10 peas. The color of the pod is pale green, and it is thick, plump, and well adapted to marketing. Peas extra large size. Bears close planting and requires no sticks or supports. 5 lbs. \$2.75, lb. 60c, ¼ lb. 20c, pkt. 10c.

316 Senator—A Grand Second Early Sort—Produces large, luscious, wrinkled peas of most excellent table quality. The vines are much more productive than most other sorts, and the handsome, large, round pods are well filled with from seven to ten large peas of splendid quality; even the largest peas are sweet and meltingly tender. Vines grow 2 feet high and carry an immense crop. All growers of this variety are sure to be pleasantly satisfied with both the quality and quantity of the crop. 5 lbs. \$2.50, lb. 50c, ¼ lb. 20c, pkt. 10c.

317 Fillbasket—A main crop sort, about two feet high. It is not only very productive, but the pods are of the largest size, 4 to 5 inches in length, and well-filled with large Peas of the most delicious quality. 5 lbs. \$2.50, lb. 50c, ¼ lb. 20c, pkt. 10c.

318 Horsford's Market Garden—Grows from two to two and a half feet high. It is extremely prolific, and bears its pods always in pairs and on some of the best plants over 150 pods have been counted. One of the sweetest peas. 5 lbs. \$2.25, lb. 50c, ¼ lb. 20c, pkt. 10c.

STIM-U-PLANT

PLANT STIMULANT TABLET

An All-the-Year Fertilizer for
Garden and House Plants
In pkgs. 20c, 35c and \$1.00.

324 Duke of Albany—4 feet. Pods in abundance. Peas large and very rich flavor. 5 lbs. \$2.50, lb. 55c, ¼ lb. 20c, pkt. 10c.

326 Improved Stratagem—1½ feet. A favorite with market gardeners. Pods of immense size, filled with very large green peas of the finest quality. 5 lbs. \$2.75, lb. 60c, ¼ lb. 20c, pkt. 10c.

329 Edible-podded Sugar Peas—4½ feet. These are cultivated for their pods which are remarkably tender and sweet when gathered young. They are boiled whole and served up similar green beans. Excels all other Sugar Peas in size, productiveness and quality. The pods are large in size, broad, sweet and tender, extremely fleshy. Lb. 75c, ¼ lb. 25c, pkt. 10c.

321 Tall Telephone—A strong luxuriant-growing main crop variety, attaining a height of about 4½ feet. Exceedingly prolific, often producing 24 pods to stalk. The pods, which are the largest of all varieties, are packed with immense wrinkled marrow peas, 8 being the average, while 10 to 12 to a pod are very frequently found. The quality is superb. 5 lbs. \$2.75, lb. 60c, ¼ lb. 20c, pkt. 10c.

322 Champion of England—4 feet. This popular wrinkled variety is largely used on account of the rich flavor of the peas. 5 lbs. \$2.25, lb. 50c, ¼ lb. 20c, pkt. 10c.

DEDUCT 10c. PER POUND FROM ABOVE PRICES IF ORDERED BY EXPRESS AT YOUR EXPENSE

PARSNIPS

1 oz. to 200 feet of drill, 5 lbs. to an acre.

Culture.—Succeeds best in deep rich soil. Sow in drills fifteen to eighteen inches apart, as early in spring as possible. Cover half-inch deep. When the plants are about two or three inches high, thin them out, leaving five or six inches between. The roots are hardy, and improve by leaving in the ground during winter, taking only enough into the cellar to last during cold weather.

290 XXX Improved Guernsey or Half-Long.—The roots do not grow so long as the Hollow Crown, but are of greater diameter and more easily gathered. The roots are very smooth, the flesh fine-grained and of excellent quality. Lb. \$3.00, ¼ lb. \$1.00, oz. 30c., pkt. 15c.

291 Large Long Smooth Dutch Hollow Crown.—We believe this is the finest stock of Parsnip that can be produced. The roots run of uniform size, and are smooth. The growing taste for this delicious vegetable will make this strain particularly desirable. Lb. \$2.75, ¼ lb. 90c., oz. 25c., pkt. 10c.

PARSLEY

(One ounce will sow 125 feet of drill.)

Soak the seeds a few hours in warm water and sow very early in the spring, in drills 12 inches apart; thin out the plants to 6 inches apart. To have green during the winter remove plants into a box and place in a light cellar or cold frame.

295 Champion Moss Curled—Leaves beautifully crimped and curled. Lb. \$2.00, ¼ lb. 75c., oz. 25c., pkt. 10c.

297 Turnip Rooted.—The root is the edible portion of this variety, and resembles a small parsnip both in color and shape. The roots can be dug late in the fall and stored in sand for winter use. Extensively used for flavoring soups and stews. Lb. \$2.00, ¼ lb. 75c., oz. 25c., pkt. 10c.

POTATO SEED

From Seed Balls—Hybridized Stock

339.—This unrivalled seed will produce an endless variety of new kinds. They are as easy to grow as Tomatoes. It is from these that ALL valuable new varieties of Potatoes are produced. Growing new and distinct Seedling Potatoes from the Seed Ball. Seed is intensely interesting. They will be the greatest curiosity of your garden. This seed will positively produce innumerable new kinds, colors, shapes, sizes and qualities. The product will astonish you. Some may be of immense value and bring you a golden harvest. Every farmer, gardener, and bright boy should plant a few packets. Full directions on every packet. Pkt. 20c., 2 for 35c., 6 for 85c.



290. Improved Guernsey Parsnip.
Lb. \$3.00, ¼ lb. \$1.00, oz. 30c., pkt. 15c.



344. Yellow Field Pumpkin. Pkt. 10c.

PEPPER

Culture.—Sow the seed in hotbed or frame; transplant as soon as the weather is warm, 18 inches apart. If only a few plants are wanted, sow seed where plants are to remain.

330 Chinese Giant.—A fine mild Red Pepper of enormous size and magnificent appearance. The monster Peppers are of thick, blocky form and brilliant glossy scarlet color. Oz. \$1.25, pkt. 10c.

334 Long Red.—Has brilliant red pods. The standard Pepper. General favorite. Oz. \$1.00, pkt. 10c.

341 Ruby King.—The peppers ordinarily grow 4½ to 6 inches long by 3½ to 4½ inches through. Remarkably mild and pleasant to the taste. Oz. \$1.00, pkt. 10c.

PUMPKIN

Culture.—Pumpkins are usually raised in connection with corn, but will do much better when grown in light rich soil by themselves. Plant in May, when the ground has become warm, in hills eight to ten feet apart each way, four seeds in a hill. With corn, plant seed every third row.

342 Japanese Pie.—Medium size; ripens early, and is an excellent keeper. Flesh a rich salmon color, exceptionally fine grained. Green skin. Lb. \$2.75, ¼ lb. 90c., oz. 30c., pkt. 10c.

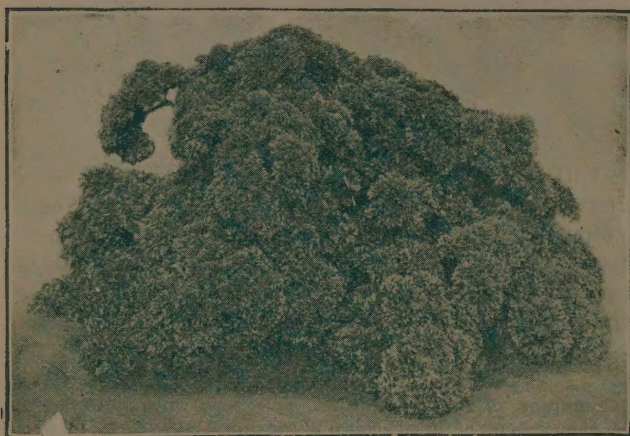
343 Jumbo.—Very largest cream-colored Pumpkin that grows. Seed taken from specimens over 175 lbs. in weight. Lb. \$3.50, ¼ lb. \$1.25, oz. 40c., pkt. 10c.

344 Large Yellow Field (Very Fine Strain).—Flesh deep, rich yellow, fine grained and highly flavored. Lb. \$1.50, ¼ lb. 50c., oz. 20c., pkt. 10c.

345 Large Cheese.—One of the best for table use. Fruit flattened; skin creamy yellow when mature. The flesh is yellow, tender, and of excellent quality. ¼ lb. 90c., oz. 30c., pkt. 10c.

347 Mammoth or Tours (Green Skin).—Coarse variety; enormous size; very productive. Oz. 40c., pkt. 10c.

348 Sweet or Sugar (New England Pie).—Excellent quality for pies. Fruits deep orange, eight to ten inches in diameter, round and slightly ribbed. Flesh rich deep yellow, fine grained and very sweet. ¼ lb. 90c., oz. 30c., pkt. 10c.



295. Champion Moss Curled Parsley.
Lb. \$2.00, ¼ lb. 75c., oz. 25c., pkt. 10c., prepaid.

RADISH

1 oz. for 100 feet of drill;
8 to 10 lbs. for an acre.

Culture.—Radishes thrive best in a light, rich, mellow soil, and to bring out their mild qualities they must make a quick and tender growth. For early use sow as early in the spring as the ground can be worked, then at intervals until the middle of July.



359. Improved French Breakfast. Lb. \$2.00, ¼ lb. 75c., oz. 25c., pkt. 10c.

350 Cooper's Sparkler.—A globe-shaped Radish with very short top, thus making it adaptable for forcing, although it is equally good for outside. The color is a rosy carmine, with a long white tip. Lb. \$2.00, ¼ lb. 75c., oz. 25c., pkt. 10c.

351 Crimson Globe or Non Plus Ultra.—Fine for forcing. Skin rich dark carmine, foliage short, stiff and small. Ready in 21 days. Lb. \$2.00, ¼ lb. 75c., oz. 25c., pkt. 10c.

352 Crimson Giant.—This Radish attains double the size of those of other forcing varieties, without getting pithy or hollow. It is very early, notwithstanding its size. Color crimson, flesh pure white, of the best quality. Fine for out doors and forcing. Lb. \$2.00, ¼ lb. 75c., oz. 25c., pkt. 10c.

353 Early Scarlet Turnip, White-Tipped.—A very pretty variety, excellent for market, and fine for forcing. Lb. \$2.00, ¼ lb. 75c., oz. 25c., pkt. 10c.

354 Rosy Gem (White Tipped Forcing).—A beautiful round Radish; bright scarlet skin with large white tip; remarkably early. Best for greenhouse growing. Lb. \$2.00, ¼ lb. 75c., oz. 25c., pkt. 10c.

357 Early Scarlet Turnip.—Very early, small, round; entire Radish is of a rich scarlet color. This splendid variety has always been a great favorite with market gardeners and for kitchen garden alike. Lb. \$2.00, ¼ lb. 75c., oz. 25c., pkt. 10c.

359 Improved French Breakfast.—A great favorite. Beautiful bright scarlet, with pure white tip. Oblong in shape, medium size; makes rapid growth. It is a fine table variety on account of its excellent quality and attractive appearance. Fine for open ground or forcing. Lb. \$2.00, ¼ lb. 75c., oz. 25c., pkt. 10c.

WINTER VARIETIES

Sow in July

370 Long Black Spanish.—Black skin, but pure white flesh; half long; one of the best for winter use. Lb. \$2.00, ¼ lb. 75c., oz. 25c., pkt. 10c.

371 Round Black Spanish.—Differs in shape only from above; oval round. Lb. \$2.00, ¼ lb. 75c., oz. 25c., pkt. 10c.

373 Scarlet China.—Bright rose colored winter variety excellent quality. Lb. \$2.00, ¼ lb. 75c., oz. 25c., pkt. 10c.

374 White China.—Skin and flesh white. Lb. \$2.00, ¼ lb. 75c., oz. 25c., pkt. 10c.

JAPANESE RADISH

369 Mikado (Nerima).—Sow in July. "Mikado" grows to a length of 12 by 3 to 4 inches in circumference. The flesh is pure white, and of an indescribable sweet and delicate flavor. Once grown always grown. It never grows pithy. Finer than Icicle variety. Try it. Lb. \$2.25, ¼ lb. 75c., oz. 25c., pkt. 10c.

360 Long White Icicle.—The finest and longest of the very early pure white varieties. Planted in spring the Radishes are ready for use in twenty to twenty-five days; their long, slender form and pure paper-white skin are most attractive when bunched for market. Lb. \$2.00, ¼ lb. 75c., oz. 25c., pkt. 10c.

361 Early Long Scarlet Radish (Short Top).—The finest strain of this most popular Radish. The long, slender, handsomely colored roots are most attractive in appearance. They are ready in about twenty-five days; crisp, brittle and of choicest quality. They reach a length of five to six inches, growing half out of the ground. Lb. \$2.00, ¼ lb. 75c., oz. 25c., pkt. 10c.

368 Our Radish Mixture.—A mixture of all kinds of radishes. Sow it, and it will furnish you delicious radishes throughout the season. Lb. \$2.00, ¼ lb. 75c., oz. 25c., pkt. 10c.



350. Cooper's Sparkler (white tipped)
Lb. \$2.00, ¼ lb. 75c., oz. 25c., pkt. 10c., prepaid.

HORSE RADISH ROOTS

533 Improved Horse Radish.—This is a much more rapid grower than the old variety and is, therefore, ready for use earlier. Its large white roots may be raised in almost any soil and when planted in rows, may be harvested like potatoes. The quality is far superior to the old variety in strength and piquancy. Roots, 2 for 25c, dozen for \$1.25, 100 for \$9.00, prepaid.

ARTICHOKE ROOTS

Improved Jerusalem

One of the best hog foods for early spring, roots perfectly hardy, multiply rapidly, tubers sold by many grocery stores. Lb. 35c, 3 lb. 90c, prepaid. Prices of larger quantities on application.

"GARDEN HINTS FOR AMATEURS" will help you grow bigger, better crops. You will want a copy.

SQUASH

One ounce of seed for 25 hills, 3 to 4 pounds for an acre

CULTURE.—All squashes do best in warm and very rich soil. Plant in well-manured hills, same as melons or cucumbers, the bush varieties 4 feet apart each way, the winter sorts 10 to 12 feet each way. Use seed freely, 8 to 12 seeds to the hill, to provide for losses by insects. When danger of such losses is past, thin to 2 or 4 plants to the hill. To repel the squash vine borer, throw a handful of tobacco dust close around the plants. The large, strong-smelling black squash bug can be kept in check by hand-picking, going over the vines at frequent intervals. For yellow-striped beetle and blight, spray early and repeatedly with Bordeaux Arsenate of Lead Mixture. Winter Squashes may also be grown in cornfields in the same manner as it is customary in many places to grow pumpkins.

396 Summer Crookneck (Improved Giant).—One of the best of the summer Squashes. It is of dwarf, bushy habit and very productive. The skin is yellow. The flesh has a deep golden yellow color, and is dry and of most agreeable flavor. This is, in fact, most highly esteemed for all the summer varieties. Lb. \$3.00, ¼ lb. \$1.00, oz. 35c, pkt. 10c, prepaid.

399 Early Bush Scalloped.—The bush or patty pan Squashes are earlier than any other summer variety. The flesh is of a clear yellow and it is tender when ready for use. It is of dwarf bushy habit, quite hardy and very productive. Lb. \$2.75, ¼ lb. 90c, oz. 30c, pkt. 10c, prepaid.

400 Boston Marrow.—Very early Squash, brilliant orange red. Good cooking and keeping qualities make it popular with the consumer. This variety cannot be surpassed for the North-West. Lb. \$2.75, ¼ lb. 90c, oz. 30c, pkt. 10c, prepaid.

401 Our Squash Mixture.—One sowing will produce Squashes for the season.—This mixture contains a great variety of summer and winter sorts, just suited for growing for exhibition or table use. Lb. \$2.75, ¼ lb. 90c, oz. 30c, pkt. 10c, prepaid.

402 Red Hubbard (Golden Hubbard).—The heavily warted skin is of a beautiful bright red color; flesh deep golden yellow; fine grained; cooks very dry and of excellent flavor. Lb. \$3.00, ¼ lb. \$1.00, oz. 35c, pkt. 10c, prepaid.

406 Improved Hubbard (Chicago Warted Strain).—Large, blackish green, hard as wood, with warty knots all over it; satisfies even any observer that it is the best. More largely grown as a winter sort than any other. Per lb. \$3.00, ¼ lb. \$1.00, oz. 35c, pkt. 10c, prepaid.

VEGETABLE MARROW SQUASH

412 Long White Bush Marrow.—Is an improvement on the Trailing Vegetable Marrow. Fruit is large and handsome, and the plants are of bush form, so can be planted from 3 to 4 feet apart. Flesh is creamy white and of excellent quality. Lb. \$3.00, ¼ lb. \$1.00, oz. 35c, pkt. 10c.

413 English Vegetable Marrow (Trailing).—A favorite early variety. Skin greenish yellow. Fruit long, flesh white and of rich flavor. Plant in hills, 8 ft. apart. Lb. \$3.00, ¼ lb. \$1.00, oz. 35c, pkt. 10c.



387 Salsify. Pkt. 10c.

SALSIFY

(Vegetable Oyster)

The demand for Salsify is increasing from year to year, as its delicious qualities are becoming known. The directions for growing and keeping are the same for parsnips. One ounce will sow 50 feet of drill; 10 lbs. to the acre.

387. Mammoth Sandwich Island.—This splendid variety will average nearly twice the size of the White French Salsify. Grows very uniformly. Mild and delicious in flavor. A popular sort with all growers.

Lb. \$3.75, ¼ lb. \$1.25, oz. 40c, pkt. 10c.



406 Improved Green Hubbard Squash. Pkt. 10c.

MAMMOTH GREEN SQUASH

411 Holds the Record for the Heaviest Weight Squash Ever Grown.—403 lbs. For exhibition purposes it stands without a rival. Skin dark green, flesh golden yellow. Seeds from specimens weighing 300 lbs. Pkt. containing ten seeds and secret "How to Grow Big Squash." 25c.

\$10.00 cash will be paid to customers growing Mammoth Squash to weigh not less than 300 lbs. each, and \$5.00 cash for specimens not less than 200 lbs. each, from seed procured from us this season.

RHUBARB SEEDS

CULTURE.—Sow in drills in May, 12 inches apart, in rich soil. Transplant when sufficiently strong next season in rows two feet apart, into deeply trenched heavy soil. Cover during winter with straw manure.

380 Johnston's St. Martin.—The finest and one of the earliest Rhubarbs: grows to an enormous size: superior flavor: color delicate pink. ¼ lb. \$1.50, oz. 50c, pkt. 10c.

RHUBARB ROOTS

382 Johnston's St. Martin.—Doz. \$3.50, each 35c. prepaid

383 New Raspberry.—We can confidently state that this Rhubarb is the most attractive of all the varieties known. The fine stalks of medium thickness are of a beautiful raspberry carmine tint, which is most pleasing to the eye, and commands for it a ready sale in the market. It is equally valuable or forcing as for garden culture. Roots, each 40c, 2 for 70c., Doz. \$4.00

SPINACH

1 oz. for 100 ft. of drill; 10 to 12 lbs. per acre.

NEW SUMMER SPINACH

393 We added this new variety to what we believe to be a complete list of Spinach, because we find from our extensive trials that it will "carry on" longer into the hot weather of the early summer than any other true Spinach. We recommend it especially for spring planting, during April to June, to raise a crop for cutting in succession to such varieties as Viroflay, Victoria, and Long Season. It will not bolt to seed or lose color for nearly two weeks after these varieties are beyond use. It forms a stocky plant with dark green blistered leaves of good substance. Here you see it in good condition while the rows of other varieties on the side of it have gone to seed. Spinach is a healthful vegetable, and when properly grown and cooked, is one of the finest we have. Although it takes up very little garden space, many home-gardeners do not grow it on account of its tendency to go to seed early and spoil before they have an opportunity to really enjoy the result of their effort. Our new Summer Spinach lengthens the Spinach season by fully two weeks and its use will enable you to have real success from early Spring up to the beginning of hot weather. Lb. \$2.00 ¼ lb. 60c, oz. 25c, pkt. 15c

Prices (except otherwise quoted): Lb. \$1.00, ¼ lb. 35c, oz. 15c. Pkt. 10c.

389 Improved Victoria (Long Season).—The glossy dark green foliage is attractively crumpled and thick in texture. Its giant leaves often measure 10 inches across, which when cooked are of excellent flavor. Improved Victoria is an early maturing as well as giant leaved Spinach. Very popular.

390 Bloomsdale or Savoy Leaved.—Also called Norfolk Savoy Leaved. A favorite with market gardeners. It has thick, dark green wrinkled leaves, and is perfectly hardy. One of the best for fall sowing.

392 Large Viroflay.—One of the best market sorts, producing large, thick, dark green crumpled leaves of fine quality, standing a long time before running to seed. A great favorite in all parts of the country. for fall or spring sowing. Lb. \$1.00, ¼ lb. 35c, oz. 15c, pkt. 10c.

394 Prickly or Winter.—Stands well in winter, but gives less bulk per acre than the Round Leaf.

391 Everlasting Spinach.—New Zealand.—Available for use during the hottest months when ordinary Spinach is not to be had. Lb. \$2.00, ¼ lb. 60c, oz. 20c, pkt. 10c.

Spinach Beet.—See page 10.

No. 425. IXL
Tomato
Oz. 60c, pkt. 15c.



425 Our IXL Tomato. A week earlier than the Earliana. More productive than the Chalk's Jewel. As large as the Plentiful. As solid as the New Globe. In fact the world's leading extremely early Tomato.—In our field test, IXL Tomato proved to be a week to ten days earlier than the Spark's Earliana, with an abundance of fruit larger and more prolific than Chalk's Jewel; in fact, any number of specimens could be found as large as the Plentiful Tomato. The I.X.L. Tomato is, without a single exception, the leading extremely early Tomato. Do not experiment with it, but plant your entire early crop in I.X.L. Tomato. Your crop will net you big returns. $\frac{1}{4}$ lb. **\$1.75**, oz. **60c**, $\frac{1}{2}$ oz. **35c**, pkt. **15c**.

NINETY DAY

426 Ninety Day. Our Ninety Day is one of the earliest, smoothest, hardest and best early Tomatoes grown.—In this New variety we have very smooth deep fruits which are ready for market five to seven days earlier than Spark's Earliana. The Tomatoes are exceptionally smooth, regular in form, and are quite deep through from stem to blossom end. The fruits mature quickly, and generally can be all gathered in about three weeks from the time the first fruit ripens. This northern grown strain of Tomato is undoubtedly the very best early scarlet fruited Tomato. $\frac{1}{4}$ lb. **\$1.75**, oz. **60c**, $\frac{1}{2}$ oz. **35c**, pkt. **10c**.

NEW GLOBE (LIVINGSTON'S)

438 New Globe (Livingston's). The finest early Rose Tomato in existence. Very distinct in shape, firm fleshed, of delicate Flavor. Almost blight proof.—Among the first to ripen although of large size; very smooth, firm fleshed, few seeds; ripens evenly; color a beautiful glossy rose, carmine color. Flavor delicate and agreeable. The fruit is borne on short-joint branching plants literally loaded with fruit. A good general cropper, and one of the very best for greenhouse growing. $\frac{1}{4}$ lb. **\$2.50**, oz. **75c**, $\frac{1}{2}$ oz. **40c**, pkt. **10c**.

424. NEW WHITE TOMATO "ALBINO"

This extraordinary novelty came as a sport, but comes absolutely true from seed now. The fruit is quite large, averaging nearly three-quarters of a pound each. Its color is absolutely white clear through; is most valuable for table use, and as it contains no acid it will become very popular, for thousands of people do not care to eat tomatoes on account of the acid. The flesh is solid and firm, and on this account makes a splendid shipper. No garden will be complete without this valuable addition. Pkt. **25c**, oz. **\$2.00**.

TOMATOES

1 oz. to 1500 plants.

Culture.—Sow in a hotbed in March; when two inches high transplant into pots, boxes or another bed, and attend to them carefully until danger of frost is past, then transplant them permanently into a warm situation, fully exposed to the sun. Support with brush or trellis to keep the fruit off the ground. Pinch the ends of the vines off to hasten ripening after the fruit begins to set.

BONNY BEST

One of the Largest, Smoothest, and Finest Flavored Extra Early Bright Red Tomatoes

427 Bonny Best Tomato.—Within a week to ten days as early as Earliana, it is even a heavier cropper, with tomatoes of larger size and sweeter flavor—produced continuously throughout the season. Of compact growth, the plants are fairly loaded with fruit. The Tomatoes are uniform, of good size,—seventy five will fill a $\frac{1}{4}$ th. bushel basket. The large handsome fruits are very solid and deep, being almost round or ball-shaped. Color brightest scarlet, ripening right up to the stem without cracks or green core. The thick flesh is very solid, with comparatively few seeds, and of fine flavor; skin thin but sufficiently strong to make it a good shipper. $\frac{1}{4}$ lb. **\$1.75**, oz. **60c**, pkt. **10c**.

428 John Baer (Early Scarlet).—This variety has been offered as the earliest Tomato for home and commercial use, and in our trials we found it to mature about the same time as Spark's Earliana, which variety it resembles in size, shape and color. The vines do not grow very large, but are productive, bearing the fruits in clusters and abundantly. The Tomatoes are of medium size, nearly round in shape, scarlet color and are of excellent flavor. On account of the large yield, desirable size and shape, this variety is suited both for early market and home use. $\frac{1}{4}$ lb. **\$2.50**, oz. **75c**, pkt. **10c**.

432 Earliana.—A favorite with market gardeners, who pronounce it one of the earliest tomatoes in cultivation. It is of handsome shape and bright red color, and for solidity and fine quality is quite equal to best medium and late sorts. (Spark's True Strain) $\frac{1}{4}$ lb. **\$1.75**, oz. **60c**, pkt. **10c**.

434 Chalk's Early Jewel.—The large handsome fruits are very solid and deep through, being almost round or ball-shaped. Color brightest scarlet, ripening right up to the stem without any cracks. The flesh is very solid, with comparatively few seeds, and of fine sweet flavor; skin thin, but sufficiently strong to make it a good shipper. Originator's strain of seed. $\frac{1}{4}$ lb. **\$1.75**, oz. **60c**, $\frac{1}{2}$ oz. **35c**, pkt. **10c**.

435 June Pink (Pink Earliana).—Ripens as early as Earliana. It is an enormous bearer, clusters of six to eight fruits being borne frequently. The fruit is of medium size uniform, smooth and attractively shaped. Excellent for shipping. In color it is a bright, pleasing pink, and in markets where a pink Tomato is desired, it is a great seller. $\frac{1}{4}$ lb. **\$1.75**, oz. **60c**, pkt. **10c**.

441 Ponderosa.—Fruits very large, purplish-pink, solid and continues ripening until frost. $\frac{1}{4}$ lb. **\$2.50**, oz. **75c**, pkt. **15c**.

439 Early Detroit (Purple).—The equal of any second Early Purple Tomato. It is a variety maturing medium early in season, having the remarkable feature of bearing uniform, large, handsome, smooth fruit through the long season, yielding in the aggregate even more marketable tomatoes than the popular Beauty, which variety it most closely resembles. The fruit is almost globe-shaped, firm, and ships as well as any variety we know. $\frac{1}{4}$ lb. **\$1.75**, oz. **60c**, pkt. **10c**.

IMPROVED BEEFSTEAK TOMATO

437 Our Improved Beefsteak (Enormous in Size. Delicious in Taste).—It excels in magnificent size, often attaining a circumference of eighteen inches, frequently weighing two, three and four pounds each perfect in form, free from wrinkles and fissures, perfectly smooth and as solid and meaty as beefsteak; it ripens thoroughly from centre to skin.

The plants of Our Improved Beefsteak Tomato are luxuriant, healthy in growth, independent of droughts, free from blight, and are prodigious, early and continuous bearers. First ripe fruits are often picked in ten weeks from seed sowing, while late fruits may be gathered until frost. $\frac{1}{4}$ lb. **\$2.50**, oz. **75c**, $\frac{1}{2}$ oz. **40c**, pkt. **15c**.

YELLOW GIANT TOMATO

436 Yellow Giant. One of the Most Interesting Novelties Ever Introduced. Equals Ponderosa in Size but Bears Rich Golden-Yellow Fruits in Abundance.—Yellow Giant is equal in every respect to its parent, the Red Ponderosa, possessing all the qualities that have made our Ponderosa a household word throughout the land, and, in addition, has the striking color which compels instant attention. It originated as a "Sport" from the Red Ponderosa and comes remarkably true; but some parti-colored fruits may be expected. These but add interest to it. $\frac{1}{4}$ lb. **\$2.50**, oz. **75c**, $\frac{1}{2}$ oz. **40c**, pkt. **15c**.

FORCING TOMATOES

448 Grand Rapids (Forcing).—Oz **\$2.25**, pkt. **25c**.

449 Comet (Forcing).—An excellent variety for forcing. Fruits medium size, rich scarlet, good quality and produced in clusters.

450 Sunrise (Forcing).—A good sort for forcing under glass as well as for out-door culture; bright red, smooth, early.

Prices of Sunrise and Comet varieties: oz. **\$1.00**, $\frac{1}{2}$ oz. **60c**, pkt. **15c**.

SMALL FRUITED TOMATOES

Prices: Each variety; oz. **\$1.25**, pkt. **10c**.

454 Yellow Plum—For preserving and pickling.

455 Strawberry or Ground Cherry ("Barbadoes Gooseberry")—For preserving.

456 Small Fruited Tomato Mixture—Including plum cherry and pear-shaped fruits; red and yellow, peach varieties, etc.

TOBACCO

1 oz. will sow 25 sq. ft. and plant an acre.

Prices: (Each Variety); oz. **\$1.00**, pkt. **10c**.

419 Improved Connecticut—A standard.

420 Havana—Fine large leaf variety.

421 Quesnel—A favorite in Quebec. Leaf broad.

422 White Burley.

HERBS

Every garden should contain an assortment of herbs, and care should be taken to harvest them properly. This should be done on a dry day, just before they come into full bloom, then dry quickly and pack closely, entirely excluded from the air.

486 Dill— $\frac{1}{4}$ lb. **75c**, oz. **25c**, pkt. **10c**.

489 Lavender, True—Oz. **\$1.25**, pkt. **10c**.

494 Sage—Oz. **\$1.25**, pkt. **10c**.

496 Savory, Summer—Oz. **90c**, pkt. **10c**.

499 Sweet Marjoram— $\frac{1}{4}$ lb. **\$2.25**, oz. **90c**, pkt. **10c**.

501 Thyme—Oz. **\$1.25**, Pkt. **10c**.

WILD RICE

Culture.—Mix seed with clay and make into balls three or four inches in diameter and throw into water. Seed should be soaked for forty-eight hours before being mixed with clay.

479. New Crop Seed—10 lb. **\$3.50** lb. **40c**. Prepaid.

Every Gardener, no matter how experienced, will find much useful information in "Garden Hints for Amateurs." Your copy is free with order of Garden Seeds for **\$3.00**.



437. Our Improved Beefsteak Tomato, $\frac{1}{2}$ oz. 40c, pkt. 15c.

TABLE TURNIPS

1 oz. for 150 feet of drill; 2 lbs. per acre.

Culture.—For early use sow as early in spring as ground can be worked, in drills one foot apart. Make successive sowings until August for general crops. Thin out to six or eight inches. A light, rich soil is suitable. Prices (except otherwise noted) Lb. **\$1.50**, $\frac{1}{4}$ lb. **50c**, oz. **20c**, pkt. **10c**.

470 Breadstone (Swede).—Roots of medium size, very quick growing. Flesh perfectly white, fine grained, and cooks in 15 minutes.

471 Early Six Weeks (Nimble Dick).—An improved early Snowball type which is excellent for sowing early or late; flesh pure white.

472 Extra Early Milan (Purple Top).—Flat, strap leaved, color white, with beautiful purple top. Lb. **\$2.00**, $\frac{1}{4}$ lb. **60c**, oz. **20c**, pkt. **10c**.

473 Extra Early White Milan.—A week earlier than any other white variety. Color clear ivory-white inside and out. Lb. **\$2.00**, $\frac{1}{4}$ lb. **60c**, oz. **20c**, pkt. **10c**.

476 Golden Ball (Orange Jelly).—A superior table Turnip, of bright yellow color. Rich and sweet in flavor. A rapid grower and excellent keeper.

477 Red Top Strap Leaf.—Will mature in 8 or 9 weeks. Desirable for the home garden or market. Good cropper and an excellent keeper.

STRAWBERRY SEED

506 Large Red Alpine Strawberry.—Seed sown in pots during January will produce fine fruits in September. Plants from the general sowing made in spring and summer, yield large quantities of delicious fruit from one to two inches in length on the succeeding Strawberry season, and gatherings are often made as late as the second week in October. Pkt. **25c**.

SIBERIAN PEA

505 Caragana Arborescens (Siberian Pea).—An invaluable hedge and ornamental shrub. Especially well adapted for the Prairie Provinces. It grows rapidly from seed and in two or three years at the most it becomes a sturdy bush, suitable for hedges or windbreaks. $\frac{1}{4}$ lb. **90c**, oz. **30c**, pkt. **10c**.

ASK FOR OUR LEAFLET ON TOMATO CULTURE—FREE WITH ORDER.



Leviathan Sugar Beets, grown on the Gold Medal Farm in Scarborough. Yields 1008 Bushels Per Acre.

OUR PRIZE-WINNING STRAIN

SUGAR BEETS

Sow 4 to 6 lbs. per acre.

CULTURE.—Sugar Beets and Mangels delight in a deep, rich clay loam. The heaviest crops are invariably grown upon land which has been liberally manured and thoroughly cultivated. Artificial manures applied at the rate of 500 to 1,000 lbs. per acre, with the addition of 300 to 400 lbs. of salt, will increase the yield per acre to a very large and profitable extent. Sow any time from the middle of April to the end of May, in drills from 2 to 3 feet apart, covering the seed a uniform depth, and thin plants from 12 to 15 inches in the row.

JUMBO SUGAR BEET

540 Our Jumbo is one of the finest types of Giant Feeding Sugar Beet that has been introduced. The immense roots are white fleshed, shading to a green at the upper part; growing but a few inches in the ground, they are easily harvested, and the close formation of the leaves at the crown, renders them very easy to top. 5 lbs. \$3.50, lb. 75c, ½ lb. 40c, ¼ lb. 25c.

541 Our Red-Skinned Leviathan.—This is an excellent type of Feeding Sugar Beet. The shape of the root is perfect, and its habit of growth renders it easy to harvest. There are no coarse prongy roots: in fact, the beet is as smooth as if moulded. The skin is red, the flesh is white, close grained, solid and tender. It contains more nutriment than other sorts, being simply saturated with sugar. It surpassed all other varieties as a stock feeder. 5 lbs. \$4.25, lb. 90c, ½ lb. 50c, ¼ lb. 30c.

542 Improved Glant.—A fine type of Sugar Beet, yielding an immense crop of giant-sized roots of the most excellent feeding quality. The heavy, even-shaped roots grow three-fourths of their immense size out of the ground. The flesh is white, solid, tender and very sweet. 5 lbs. \$3.50, lb. 75c, ½ lb. 40c, ¼ lb. 25c.

543 Giant White Feeding.—This is a distinct type of Sugar Beet, producing not only an immense crop, but roots of giant size and richest feeding quality. Gives a yield of over 1,000 bushels of clean roots per acre. The roots are as long as our Jumbo, heavy, even-shaped, holding their size to the ground, when they gradually taper to a point; stand upright, and three-fourths of their length out of the ground. 5 lbs. \$3.50, lb. 75c, ½ lb. 40c, ¼ lb. 25c.

544 Improved Tankard Cream.—Distinct from any other variety in cultivation, being of a uniform Tankard type and growing but a few inches in the ground, is harvested in the easiest possible manner. Color white, with a bronze green shade at the top. Fine keeper. 5 lbs. \$3.50, lb. 75c, ½ lb. 40c, ¼ lb. 25c.

547 Improved Wanzelben (Sugar Making).—Best variety to grow or sugar. 5 lbs. \$4.25, lb. 90c, ½ lb. 50c, ¼ lb. 30c.

MANGELS

570 Giant White Sugar.—Differs from the ordinary varieties of Sugar Mange, being much sweeter and more nutritious. The roots are very large, firm, smooth, clean, of oval shape, stand well out of ground and are very easily harvested. The color of roots is light green at shoulder, white beneath; flesh white, sweet and unexcelled in feeding quality. It is heaviest-yielding Sugar Mangel in cultivation and relished by all stock upon the farm. 5 lbs. \$3.50, lb. 75c, ½ lb. 40c, ¼ lb. 25c.

572 Our Giant Yellow Half-Long Mangel.—The admirable shape of the root, combined with the small top, permits of the crop being left closer in the rows than is possible with most varieties. Roots, clean, well-shaped, stand more than two-thirds out of the ground, and having but a single tap root, are harvested with less trouble than almost any other Mangel. Splendid quality. We recommend it. 5 lbs. \$3.25, lb. 70c, ½ lb. 40c, ¼ lb. 25c.

573 Our Perfection Mammoth Long Red.—This splendid selection of Mangel Wurzel is very distinct from, and far superior to, all others in cultivation, being remarkable for its gigantic appearance, wide shoulder, beautiful shape, and the enormous weight it produces per acre. The roots possess extraordinary feeding qualities, are very free from fibrous roots, and are readily cleaned for storing. 5 lbs. \$3.25, lb. 70c, ½ lb. 40c, ¼ lb. 25c.

571 Golden Tankard.—Richest feeding Mangel in the world. Unrivalled for the dairy farmer. Flesh of a rich golden hue, solid and of fine form. 5 lbs. \$3.25, lb. 70c, ½ lb. 40c, ¼ lb. 25c.

574 Yellow Leviathan Mangel.—Root long, olive-shaped, growing over one-half out of the ground—flesh white, sweet and tender—top green, comparatively small—neck small and short. 5 lbs. \$3.25, lb. 70c, ½ lb. 40c, ¼ lb. 25c.

575 Giant Yellow Globe.—Without a rival among Globe Mangels either as a weight producer or in the high quality of the roots. Of fine shape, immense size, single tap root and neat top. Easily lifted. 5 lbs. \$3.25, lb. 70c, ½ lb. 40c, ¼ lb. 25c.

576 Ideal Yellow.—Considered by some growers to be a decided improvement in Yellow Mangels, either as a weight producer or in the high quality of the roots. Shape between the Intermediate and the Tankard types; beautiful pale yellow skin with small top. 5 lbs. \$3.25, lb. 70c, ½ lb. 40c, ¼ lb. 25c.

580 Giant Rose Sugar.—A very popular variety, valuable alike either as a milk producer or as a flesh former. Stands at least three-fourths out of the ground, with a rich pink and white skin. 5 lbs. \$3.50, lb. 75c, ½ lb. 40c, ¼ lb. 25c.



A CROP OF OUR DERBY SWEDE TURNIPS GROWN ON THE GOLD MEDAL FARM AT SCARBORO

SWEDE TURNIPS (Ruta Baga)

Sow 4 to 5 Lbs. to Acre in Drills

Culture.—The soil best adapted for all Turnip crops is that of a loamy description, but may be grown upon heavy clay soils if given thorough cultivation. Sandy and gravelly soils will yield but a light crop. The ground should be manured and prepared in the fall so as to avoid rough and forked roots. The seed may be sown upon drills twenty inches apart, or upon the level ground; the latter is best upon dry or well-drained soils. Sow Swedes from June to middle of July, and Aberdeens, Globes and Greystones from middle of July till end of August. Thin from twelve to eighteen inches apart in the row. Do not turn manure too deeply, as deep manuring will cause heavy coarse roots and a large top growth.

590 CANADIAN GEM Universal Purple-Top Swede Turnip—Resists Drought and Mildew—One of the Best Purple-Top Swedes for all Soils.—A magnificent new variety of exceedingly hardy constitution, standing well during severe weather, and keeping sound and good until very late in the spring, when many other varieties have failed. The root stands high out of the ground, and is of handsome appearance. The yellow flesh is solid, of rich quality, and much appreciated by all classes of stock. Growing but a small top with its uniformly shaped root, it will stand somewhat thicker in the rows than most Swedes, when a very heavy weight per acre can be grown. 5 lbs. \$4.75, lb. \$1.00, ½ lb. 55c, ¼ lb. 30c.

591 Improved JUMBO or Elephant Swede.—A specially selected "Jumbo" strain of this handsome tankard-shaped variety. The reports received during past years from all sections of Canada pronounce this Turnip to be unequalled in size, quality and uniformly handsome appearance. The yield compared with other well-known roots has been from 2 to 6 tons more per acre. In shape it is very distinct, being of the tankard type. The crown of the bulb is a beautiful bright purple and the lower half deep yellow; the flesh is very solid and nutritious, and there is an almost total absence of fibrous or fangy roots. This variety has proven so satisfactory in the past that we have every confidence in recommending Jumbo or Elephant Swede to our customers throughout the Dominion. 5 lbs. \$4.75, lb. \$1.00, ½ lb. 55c, ¼ lb. 30c.

600 KANGAROO Bronze Green Top.—This splendid hardy Swede possesses the heavy cropping features of the famous Elephant or Jumbo, with the grand constitution of the best types of Bronze Green Top Swedes, and is increasing in popularity each year, particularly in those districts where the land lies exposed and is consequently cold and backward. It was originally raised in the lower provinces of Canada, where it has produced the heaviest crops ever known in that section of the country. 5 lbs. \$4.75, lb. \$1.00, ½ lb. 55c, ¼ lb. 30c.

592 OUR DERBY BRONZE GREEN TOP—Resists the Attack of Disease and Insects to a Greater Degree Than Most Varieties.—This excellent Derby Swede is far ahead of all others for uniformity of size and shape. In addition to these good qualities, it is also undoubtedly the hardiest, heaviest, and by far the most productive of all the bronze green top Swedes now in cultivation. It will remain sound almost indefinitely, and can be shipped any distance without injury. The flesh is tender, nutritious, juicy and sweet, and is valuable for table use. A great Swede for cattle feeding. 5 lbs. \$4.75, lb. \$1.00, ½ lb. 55c, ¼ lb. 30c.

593 Irish King Bronze Top Swede.—Our Irish King Swede Turnip is one of the best known of all varieties and a universal favorite. It is highly prized for its enormous yield; this is especially true throughout the British Isles, where the crops have been immense. 5 lbs. \$4.75, lb. \$1.00, ½ lb. 55c, ¼ lb. 30c.

594 Selected Magnum Bonum Purple Top.—This popular Purple Top Swede has given the greatest yield per acre among all varieties tested at the Ontario Agricultural College. In competition for acreage prizes, "Magnum Bonum" has perhaps been awarded as many first prizes as any other sort. It is distinguished for hardiness, fine shape and enormous weight per acre. 5 lbs. \$4.75, lb. \$1.00, ½ lb. 55c, ¼ lb. 30c.

597 New Century Purple Top.—The roots show a uniform and handsome shape, with short necks and small tops. It yields a very heavy and profitable crop. The flesh is close-grained, sweet and full-juiced. The roots keep perfect and free from mildew, and are high in feeding value. 5 lbs. \$4.75, lb. \$1.00, ½ lb. 55c, ¼ lb. 30c.

599 PRIZE Purple Top.—This valuable Swede is one of the hardiest, most productive and most nutritious varieties in cultivation. It produces a very heavy weight per acre, and keeps sound and good until late in the spring, flesh always sweet and rich. 5 lbs. \$4.75, lb. \$1.00, ½ lb. 55c, ¼ lb. 30c.

595 Hall's Westbury, Selected.—A well known standard purple top variety of handsome appearance, fine quality, large and solid, a grand keeper, and one of the best shipping Turnips known. 5 lbs. \$4.75, lb. \$1.00, ½ lb. 55c, ¼ lb. 30c.

MAG-O-TITE
DESTROYS
MAGGOTS

Postpaid prices: 2 lb. pkg. 70c.
4 lb. pkg. \$1.30. 8 lbs. \$2.30
25 lbs. \$3.75. 100 lbs. \$13.00

DEDUCT 10c. PER POUND FROM ABOVE PRICES IF ORDERED BY EXPRESS AT YOUR EXPENSE

614 Purple Top Mammoth
5 lbs. \$4.25, lb. 90c, ½ lb. 50c,
¼ lb. 30c.



TURNIPS FOR EARLY WINTER FEEDING

Sow 4 to 6 lbs. per acre in drills.

Culture.—The soil best adapted for all Turnip crops is that of a loamy description, but may be grown upon heavy clay soils if given thorough cultivation. Sandy and gravel soils will yield but a light crop. The ground should be manured and prepared in the fall so as to avoid rough and forked roots. The seed may be sown upon drills twenty inches apart, or upon the level ground; the latter is best upon dry or well-drained soils. Sow Swedes from June to middle of July, and Aberdeens, Globes and Greystones from middle of July till end of August. Thin from twelve to eighteen inches apart in the row. Do not turn manure too deeply, as deep manuring will cause heavy coarse roots and a large top growth.

610 Yellow Aberdeen (Purple Top).—A favorite Scotch variety, and excellent for early winter feeding. In certain sections this variety is very largely grown for fall and early winter feeding. The roots are of good size and uniform shape, fine grained and of good quality. Excellent for late sowing. 5 lbs. \$4.25, lb. 90c, ½ lb. 50c, ¼ lb. 30c.

611 Improved Greystone.—One of the heaviest cropping early Turnips. Roots large, round, and of a purplish color above ground, white beneath; flesh white and very solid. Retains its good feeding qualities well into the winter, when sown late in the season. 5 lbs. \$4.25, lb. 90c, ½ lb. 50c, ¼ lb. 30c.

612 Selected White Globe (Pomeranian).—One of the most productive kinds, and in good soil the roots will frequently grow to twelve pounds in weight. The roots are globe-shaped or slightly flattened; skin very white and smooth. This sort is used for stock feeding and is also good for table use if pulled when the roots are not more than four to five inches in diameter. Where the winters are mild, the tops are used for greens. 5 lbs. \$4.25, lb. 90c, ½ lb. 50c, ¼ lb. 30c.

614 Purple Top Mammoth.—Produces a greater bulk per acre than any other Turnip; produces remarkably heavy crops on heavy soil; bulbs are large, round and of purplish color above ground, white beneath; flesh white and very solid; it retains its good feeding qualities well into the winter when sown late in the season. 5 lbs. \$4.25, lb. 90c, ½ lb. 50c, ¼ lb. 30c.

605 Champion Purple Top Swede.—This splendid Swede, the result of judicious selection, is the hardiest, most productive, and most nutritious purple top variety in cultivation. Roots are large, yellow, slightly oblong, with single tap-root, free from coarseness of neck, and for uniformity of crop and keeping qualities this variety is superior to all other Swedes. It produces a very heavy weight per acre, keeps sound and good until late in the spring; flesh always rich and sweet in flavor. Recommended for light, rich soil. 5 lbs. \$4.75, lb. \$1.00, ½ lb. 55c, ¼ lb. 30c.

596 Invicta Bronze Top.—The roots grow uniform in shape, and are very solid and excellent keepers. 5 lbs. \$4.75, lb. \$1.00, ½ lb. 55c, ¼ lb. 30c.

598 Hazzard's Improved Bronze Swede, Selected.—It is especially valuable on account of the very heavy yield it produces, and also for its excellent long-keeping qualities. 5 lbs. \$4.75, lb. \$1.00, ½ lb. 55c, ¼ lb. 30c.

602 Best of All Purple Top.—The popular Swede of Scotland and England. 5 lbs. \$4.75, lb. \$1.00, ½ lb. 55c, ¼ lb. 30c.

603 Bangholm Purple Top.—A Scotch Swede good for clay soils. 5 lbs. \$4.75, lb. \$1.00, ½ lb. 55c, ¼ lb. 30c.

604 Hartley's Bronze Top Swede.—Oval shaped, very rich quality, good keeper. 5 lbs. \$4.75, lb. \$1.00, ½ lb. 55c, ¼ lb. 30c.

MAG-O-TITE
DESTROYS
MAGGOTS

Postpaid prices: 2 lb. pkg. 70c

4 lb. pkg. \$1.30. 8 lbs. \$2.30

25 lbs. \$3.75 100 lb. \$13.00

617 Cow Horn.—Roots long, half above ground, flesh white. Highly recommended for late sowing. 5 lbs. \$6.00, lb. \$1.25, ½ lb. 75c, ¼ lb. 40c.

618 Yellow Aberdeen (Green Top).—A medium-sized, round, late maturing, long keeping, yellow fleshed Turnip. Roots yellow with green top. Flesh pale yellow and of very firm texture, approaching the Ruta Baga in this regard, but tender and sweet. Since it requires a longer time to mature, the seed should be sown about two weeks earlier than most sorts. It is hardy, productive and valuable for stock feeding. 5 lbs. \$4.25, lb. 90c, ½ lb. 50c, ¼ lb. 30c.

All prices prepaid.

EGG PRODUCERS

A CENT A DAY TO MAKE THEM LAY

1 tablespoonful (½ oz.) of Karswood Poultry Spice is sufficient for 2 hens for one day, so when bought in the 25 or 50 cent packets it costs you only a cent a day for every dozen fowls.

KARSWOOD POULTRY SPICE.—An excellent preparation which increases Egg Production and keeps fowls in good, healthy condition. A customer of 20 years writes us, I have used this spice for twenty years and I am getting eggs regularly from my fowls, when adjoining poultry keepers are not. The cold weather has made very little difference to my Egg Record and I attribute this result to the constant use of Karswood Poultry Spice. A regular dose of this spice during the moult, as well as at other times, helps the growth of the feathers and keeps the chickens in fine condition.

Prices in TORONTO—2 oz. 10c, ½ lb. 25c, lb. 50c, 7 lbs. \$3.15, 14 lb. \$6.00, 28 lb. \$11.50.

Prices POSTPAID—2 oz. 15c, ½ lb. 35c, lb. 65c, 7 lbs. \$4.00.

KARSWOOD CHICKEN POWDER.—Keeps your little chicks in perfect health and helps them feather up well. Prices same as Poultry Spice.

Karswood Poultry Book "FORTUNES FROM EGGS." Price postpaid 35c

KARSWOOD COW DRINK.—A very reliable Purgative for Cattle Compounded from the old original formula in use for over 30 years. Postpaid 70c.

KARSWOOD PIG POWDERS.—"Prevention is better than cure Karswood Pig Powders, given as directed, will save pig-keepers a lot of anxiety and trouble.

One Powder twice a week keeps fattening Pigs in good health, makes them thrive and put on flesh rapidly. Pkt. 60c.

DEDUCT 10c. PER POUND FROM ABOVE PRICES IF ORDERED BY EXPRESS AT YOUR EXPENSE

FORAGE PLANT SEEDS

For Prices of Forage Plant Seeds
in Larger Quantities Refer to
Our Weekly Farm Price List.

Dwarf Essex Sowing Rape

639 True Dwarf Essex—Best broad leaved variety. It has been estimated that an acre of Dwarf Essex Rape, when not preceded by any other crop the same season, will feed from 35 to 40 lambs for two months, and that the gain in flesh per month will be from 8 to 12½ lbs. on each lamb. Young cattle thrive on it as well as swine. Rape should be sown broadcast at the rate of 10 lbs. per acre, or in drills two feet apart; 5 lbs. per acre, from June until the middle of September, and forms an excellent green fodder for sheep in autumn or early winter. It is also used extensively for ploughing under to enrich the land. 5 lbs. **\$1.40, lb. 35c.**

629 Sugar Cane or Sorghum (Early Amber).—The value of Sugar Cane for fodder and ensilage is rapidly becoming known. Sow 1st to 15th June 100lbs. seed per acre, and harrow to cover 1 to 2 inches. Harvest after first frost. Cut with self-binder or mower, and after three days of sun put up in large cocks and feed from field, or store in long 8-foot wide ricks near feed lot. Yield 8 to 10 tons per acre. 5 lbs. **\$1.10, lb. 30c.**

642 Tares or Vetches.—Tares are in great demand for producing an abundance of green fodder early in the season. Sow 1 bushel to the acre, with a bushel of oats to hold them up. 5 lbs. **\$1.15, lb. 30c.** Bushel prices in Weekly Grain Price List.

625 Early Soy Beans.—Of Extra Value for Stock Feeding. Is a very valuable fodder variety, either for curing feeding green, or for the silo in mixture with corn. Sow broadcast 30 lbs. per acre. 5 lbs. **\$1.25, lb. 30c.**

630 Cow Peas (Whip-Poor-Will)—The earliest maturing variety. The stalk and leaves make excellent fodder fed green. A great soil invigorator. Sow 30 lbs. per acre. 5 lbs. **\$1.25, lb. 30c.**

628 Kaffir Corn.—Can be cut three times in a single season. Grows about 6 feet high in rich soil; stalky, erect, foliage wide. The heads are long, narrow, and well filled with white grain; fine for poultry. Sow 40 to 50 lbs. per acre. 5 lbs. **\$1.15, lb. 30c.**

640 Sunflower (Russian Giant)—Sow in drills, 10 lbs. per acre. Immense yielder—125 bushels of seed to the acre has been grown at less expense than corn. Sunflowers should be cut for silage when one-half to three-quarters of the seed is in the milk stage. Harvesting can be done by hand or with the corn binder. The stalks are put through the ensilage cutter and placed in the silo in the same manner as corn. Very highly recommended for poultry. Best egg-producing food known. Good feed for horses as well. 5 lbs. **\$1.40, lb. 35c.**

644 Thousand-Headed Kale—Has given splendid results in most sections where grown the past season. Its chief characteristic consists in its producing tremendous masses of sprouts or heads, upon which the long, large leaves of foliage of great richness and good value are grown. Sow in the early spring. 2½ lbs. per acre. Lb. **90c, ½ lb. 50c, ¼ lb. 30c.**

637 Hungarian Grass—Yields heavy growth saved for hay should be cut before the seeds become hard. Can be sown as late as July. (Bu. 48 lbs.) Sow ½ bushel to the acre. 5 lbs. **\$1.15, lb. 30c.**

Subject to market changes. Write for latest prices.

Sand or Hairy Vetch

641 Sand Vetch—Yields immense crops. Prospers in barren soils. The earliest crop for cutting green. Hardy. Should be sown in the spring alone or mixed with Oats, Spring Rye or Barley, or during August or September with Winter Rye, because this Vetch, reaching a height of 3½ to 5 feet, should have a support. Every dairyman and stock breeder should have a field of it, and, if grown once, will never be a season without it. It is exceedingly nutritious, much more so than Clover, is eaten with relish, and may be fed with safety to all kinds of stock. Makes a valuable hay crop in dry seasons. It is extensively used in the fruit districts of Ontario (sown in August) for ploughing under in spring to enrich the land. Sown alone needs 60 lbs. to the acre. 5 lbs. **\$1.50, lb. 35c.**



641. Sand or Hairy Vetch. 5 lbs. \$1.50, lb. 35c., prepaid.

as 15,000 seeds. The yield of White Wonder Millet is extremely heavy, being fully half again as heavy as that of Golden Millet. 5 lbs. **\$1.25, lb. 30c.**

636 Japanese Millet—Entirely distinct. It grows 6 feet, yields 10 tons green fodder per acre. When cured it makes an excellent quality of hay, and is a much relished green fodder. Cure as you would a heavy crop of clover. It may be sown from the middle of May to the first of July, broadcast, at the rate of 15 lbs. per acre; but it is better to sow it in drills, 12 to 18 inches apart, using 10 to 12 lbs. per acre, and cultivate, until 15 inches high, when its rapid growth will smother all weeds. 5 lbs. **\$1.25, lb. 30c.**

633 Golden Millet—Grows 4 to 5 feet high, yielding an abundance of leaves; heads closely condensed; spikes numerous; seeds golden yellow in tough sheaths. Sow 30 lbs. to the acre. 5 lbs. **\$1.15, lb. 30c.**

634 Hog Millet—Largely grown in the Western States. An excellent food for hogs. Produces as many as 100 bushels of seed on one acre. The seed ripens while the fodder is yet green. It ripens early and yields heavy crops of fodder. Sow 12 lbs. per acre. 5 lbs. **\$1.15, lb. 30c.**

638 Siberian Millet—A new and wonderfully productive forage plant from Russia, which has given excellent results; Extremely hardy; about two weeks earlier than Golden Millet, grows about 4 feet high. Stooling properties remarkable, 41 stalks having been grown from one seed. Hay and fodder very nutritious, much liked by all kinds of stock. Sow in May or June, 20 lbs. to the acre. 5 lbs. **\$1.15, lb. 30c.**

MILLETS

635 White Wonder Millet.—A Russian soldier, serving in the Russo-Japanese War discovered this wonderful Millet in China. He put a little of the seed in his knapsack and when the war was over, he came to America bringing his precious packet of seed with him. White Wonder Millet has been raised in Western Kansas for several years and it is just as hardy and vigorous as other Millets. The most striking feature of White Wonder Millet is the size of the heads. The heads will run from eight up to eighteen inches and a single head will have as many as 15,000 seeds. The yield of White Wonder Millet is extremely heavy, being fully half again as heavy as that of Golden Millet. 5 lbs. **\$1.25, lb. 30c.**

MAG-O-TITE—Destroys all Slugs and Root Maggots which attack Rape and Kale.

Postpaid: 2 lb. Pkg. 70c, 4 lb. Pkg. \$1.30, 8 lb. Pkg. \$2.30

BEST FLOWER SEEDS IN CANADA

SIMMERS QUALITY FLOWER SEEDS ARE THE BEST OBTAINABLE

NEW CROP FLOWER SEEDS

In the growing and selection of our Flower Seeds, "Quality" has always been our first consideration, and we can safely recommend all seeds offered in this Catalogue as the best obtainable. Over sixty years' experience has won for us the reputation of having the *Best Flower Seeds in Canada*.

Most flowering plants will live in almost any soil, but give them a fair chance to develop, some care should be taken to make the ground suited to their needs. The soil best adapted to flowering plants generally is a light, friable loam, containing a sufficient amount of sand to render it porous. Many flowers are better if produced on plants of vigorous growth hence a portion of the garden should be prepared by deep digging, thorough pulverization and liberal enriching with large quantities of well-rotted manure. Since some other varieties produce the largest and finest colored flowers when grown on rather light, poor soil, a portion of the garden should not be enriched.

Seeds for Conservatory and House—For winter blooming, the seed should be sown in shallow boxes any time during the spring or summer. Procure a mellow soil, almost one-fourth sand; sow the seeds on the surface, covering lightly with a little fine sandy earth; cover the box with a pane of glass, keep darkened and keep the soil slightly moist until the seeds germinate, when light and air should be admitted partially or wholly removing the glass and placing the boxes in a warm, sunny window.

Annuals attain full growth, bloom and die the first year from seed.

Biennials bloom the second year from seed and then die, though many, if sown early in the spring, will flower the first year.

Perennials usually bloom the second year from seed, and continue to grow and bloom for many years. Some will bloom the first year if sown early. **Full Cultural Directions for Sowing** are printed on each and every package and we urge the purchasers to study them carefully.

TO SUCCEED WITH ANNUALS

1. Many people fail to get a good display of flowers by not sowing early enough.
2. Another reason, and one even more prolific of harm, is sowing the seed too thickly; or, 3, too deeply; and
4. Not thinning out the young plants soon enough; or, 5, sufficiently.
6. Many people again do not think Hardy Annuals worth taking any trouble about, little knowing the exquisite beauty that many of them return for really but little pains bestowed—little, however, they must have and at right time.
7. For sowing choose a fine open day (free from frost), when the ground works well, and rake the surface over.
8. Mix small seeds with five or six times their own bulk of dry sand so as to make it easier to sow thinly.
9. As soon as the seedlings are large enough to handle, thin them out well, allowing each one ample room to grow and expand to the full according to the known size to which the plant in question grows. It is worse than useless to thin after the plants grow leggy. If thinning out is done carefully and early enough, many of the plants can be replanted elsewhere if done immediately.
10. In dry weather, give the Annuals a thorough soaking once a week.

SHOWY FLOWERING ANNUALS FOR BEDDING AND MASSING

See Page	See Page
Ageratum..... 36	Gaillardia..... 44
Alyssum..... 36	Lobelia (Com- pacta)..... 47
Antirrhinum..... 37	Marigolds..... 48
Asters..... 34, 35	Nasturtium (Tom Thumb)..... 50
Balsams..... 38	Pansy..... 51
Calendula..... 39	Petunias..... 52
California Poppy..... 44	Phlox Drummondii..... 52
Calliopsis..... 39	Poppies..... 53
Candytuft..... 39	Portulaca..... 53
Carnation..... 39	Salvia..... 55
Celosia..... 40	Stocks..... 58
Chrysanthemum..... 40	Verbena..... 58
Cosmos..... 42	Vinca..... 59
Dahlia..... 43	Zinnias..... 59
Dianthus..... 43	
Eschscholtzia..... 44	

LARGE SHOWY ANNUALS FOR BACKGROUNDS AND BORDERS

Amaranthus..... 36	Lupinus..... 48
Asters..... 34, 35	Marigolds..... 48
Balsams..... 38	Marvel of Peru..... 48
Calendula..... 39	Nicotiana..... 49
Calliopsis..... 39	Poppies..... 53
Celosia Plumosa..... 40	Ricinus..... 53
Centaurea..... 40	Salvia..... 55
Chrysanthemums..... 40	Scabiosa..... 55
Cosmos..... 42	Sunflower..... 46
Dahlias..... 43	Sweet Sultan..... 40
Datura..... 43	Wallflower..... 59
Hibiscus..... 46	Zinnias..... 59
Larkspur..... 47	

COLORED FOLIAGE PLANTS FOR RIBBON BEDS

Cineraria, White..... 41	Aureum..... 54
Coleus..... 41	White Centaurea..... 40

CLIMBING ANNUALS FOR ARBORS, VERANDAHS, TRELLIS, ETC.

See Page	See Page
Coboea..... 41	Humulus (Hop)..... 46
Cypress Vine..... 46	Moonflowers..... 48
Dolichos..... 43	Maurandia..... 48
Balloon Vine..... 40	Morning Glories..... 42
Balsam Apple..... 48	Nasturtium..... 50
Canary Bird Vine..... 40	Sweet Peas..... 56, 57
Cardinal Climber..... 46	Thunbergia..... 58
Climbers, mixed..... 41	Wild Cucumber..... 42
Gourds..... 45	

HARDY FLOWERING PERENNIALS FOR PERMANENT BEDS AND BORDERS

Alyssum (hardy)..... 36	Hollyhock..... 46
Anthemis..... 37	Lavender..... 47
Arabis..... 37	Lychnis..... 48
Aquilegia..... 37	Myosotis..... 49
Bocconia..... 38	Pansies..... 51
Campanula..... 39	Pinks (hardy)..... 43
Candytuft..... 39	Poppy (hardy)..... 53
Canterbury Bells..... 39	Primrose (Japan)..... 54
Carnation..... 39	Pyrethrum (hardy)..... 53
Chrysanthemum..... 40	Scabiosa..... 55
Coreopsis (hardy)..... 42	Shasta Daisy..... 40
Delphinium..... 47	Stokesia..... 55
Dianthus (hardy)..... 43	Sweet William..... 43
Digitalis..... 43	Tufted Pansies..... 58
Gaillardia..... 44	Valeriana..... 58
Gypsophila..... 45	Wallflower..... 59

PLANTS SUCCEEDING IN PARTIAL SHADE

Antirrhinum..... 37	Matricaria, or Feverfew..... 48
Aquilegia..... 37	Mimulus..... 48
Asperula..... 37	Myosotis..... 49
Bellis (Daisies)..... 38	Pansy..... 51
Canterbury Bells..... 39	Poppies (hardy)..... 52
Coreopsis..... 42	
Delphinium..... 47	

PLANTS FOR VASES, HANGING BASKETS, VERANDAH BOXES, ETC.

See Page	See Page
Drooping Sorts	Upright Growing
Asparagus Fern..... 37	Alyssum..... 36
Begonia..... 38, B	Centaurea..... 40
Lobelia Gracilis..... 47	Coleus..... 41
Maurandia..... 48	Dracaena..... 43
Nasturtium..... 50	Geranium..... 45
Petunia..... 52	Heliotrope..... 45
Smilax..... 55	Pansy..... 51
	Verbena..... 58

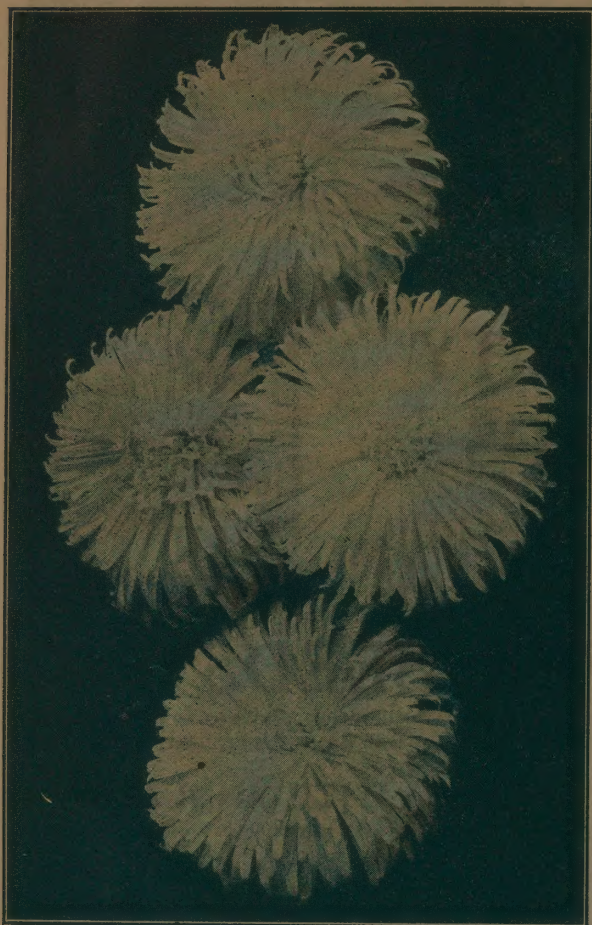
LONG-STEMMED FLOWERS FOR CUTTING

Aquilegia..... 37	Larkspur..... 47
Asters..... 34, 35	Marigolds..... 48
Calliopsis..... 39	Matricaria..... 48
Carnations..... 39	Mignonette..... 49
Centaurea Cyanus..... 40	Poppies..... 53
Centaurea, Sweet..... 40	Salpiglossis..... 55
Chrysanthemum..... 40	Scabiosa..... 55
Coreopsis..... 42	Stocks..... 58
Cosmos..... 42	Stokesia..... 55
Dahlias..... 43, R 61,	Sunflowers..... 46
Delphinium..... 47	Sweet Peas..... 56, 57
Gypsophila..... 45	Sweet Sultan..... 40
Gaillardia..... 44	Zinnias..... 59

PLANTS SUITABLE FOR EDGINGS

Ageratum..... 36	Nasturtium
Alyssum..... 36	Dwarf..... 50
Asters, Dwarf..... 34,	Petunia..... 52
Begonia, Vernon..... 38	Phlox, Compacta..... 52
Bellis (Daisies)..... 38	Pinks (hardy)..... 43
Candytuft..... 39	Portulaca..... 53
Centaurea, White..... 40	Pyrethrum Au- reum..... 53
Cineraria..... 41	Sweet William..... 43
Cosmos (dwarf)..... 42	Verbena..... 58
Lobelia Compacta..... 47	Zinnia (dwarf)..... 59
Marigold..... 48	

SEE GENERAL INDEX FOR COMPLETE LIST OF FLOWER SEEDS.



1153. New Giant Astermum, pkt. 15c.

SUPERB ASTERS

SUPERB ASTERS Asters are one of the most important summer and autumn flowers, and receive special care at our hands. Yearly exhaustive tests of both home-grown and imported stocks are made with a view to offering only the choicest kinds, regardless of cost. As a result of this care our list comprises only such sorts as can be planted with perfect confidence that nothing better is procurable, no matter at what price or from what source.

ASTERMUM A strain of Comet Asters which, on account of their immense size and Chrysanthemum-like appearance, have been appropriately named Astermums. They attracted great attention when they were first exhibited some years ago, and have become increasingly popular ever since. The plants grow about three feet high with strong stems, and usually bloom a trifle earlier than the Crego or Giant Comets.

1150. Lavender—Pkt. 15c. 1151. Shell Pink—Pkt. 15c.
1152. White—Pkt. 15c. 1153. Mixed Colors—Pkt. 15c.

GIANT OSTRICH FEATHER A fine class of the Giant Comet type of Aster, much larger than the Giant Comet, the petals longer, more twisted and produced in greater abundance. Borne on long stems they make cut-flowers par excellence.

1154. Rose Pink—Pkt. 10c. 1158. Shell Pink—Pkt. 10c.
1155. Lavender—Pkt. 10c. 1159. White—Pkt. 10c.
1160. Mixed—Pkt. 10c.

LAVENDER GEM One of the most beautiful Asters: color a charming shade of lavender, deepening with age. The flowers are always double, borne in profusion on long, slender wiry stems. Of the Ostrich Feather type, large, artistic and loosely arranged. No. 1190. Pkt. 15c.

GIANT BLANCHE LYON An improved selection of the famous Simple Asters. The plants form strong, robust bushes, about 2 feet high, bearing profusely on long, strong stems, handsome flowers, many being 6 inches in diameter.

1161. Deep Crimson—Pkt. 10c.
1162. Pure White—Pkt. 10c.
1163. Shell Pink—Pkt. 10c. 1167. Mixed Colors—Pkt. 10c.
1164. Lavender—Pkt. 10c.

GIANT CREGO Sometimes Called Astermums—This beautiful Aster attains a height of over 2 feet, well branched, with long, strong stems and artistic, fluffy, graceful flowers, rarely less than 4 inches across and frequently over 5 inches; as fine as any chrysanthemum and when cut keeps longer in good condition than any other Aster of this type.

1168. Rose—Pkt. 15c. 1172. Purple—Pkt. 15c.
1169. Crimson—Pkt. 15c. 1174. White—Pkt. 15c.
1170. Lavender—Pkt. 15c. 1175. Mixed Colors—Pkt. 10c.
1171. Shell Pink—Pkt. 15c.

TRIUMPH COMET This superb strain, of American origin and especially adapted to our climatic conditions, is one of our leading specialties, extraordinary care being given each season to the selection of the very finest specimens for stock seed, resulting in a strain that is acknowledged by the leading growers as unsurpassed.

1176. Crimson—Pkt. 15c. 1180. Shell Pink—Pkt. 15c.
1177. Purple—Pkt. 15c. 1181. White—Pkt. 15c.
1178. Lavender—Pkt. 15c. 1182. Mixed Colors—Pkt. 10c.
1179. Rose Pink—Pkt. 15c.

BEAUTY New—The first of this entirely new type of Asters was American Beauty introduced in 1917. In 1919 Purple Beauty and Canadian Beauty were added, and in 1920 September Beauty and Lavender Beauty. The Beauty Asters are similar in type of flower and growth to the well known Late Branching variety, but the large flowers are later in blooming and are carried on much longer, heavier stems. The plants are robust, 2½ to 3 feet tall, bearing immense flowers 4 to 5 inches in diameter, gracefully carried on strong stems. They are invaluable as cut-flowers.

1183. Lavender Beauty—The large, well-displayed flowers are clear lavender. They are always perfectly double and borne in great profusion. Pkt. 20c.

1184. Purple Beauty—Wonderful, rich purple flowers of unusual size and perfect form. Pkt. 20c.

1185. September Beauty—Delicate soft shell-pink, a beautiful and rare color among Asters. The blooms are perfectly double, carried on strong stems. Pkt. 20c.

1186. Canadian Beauty—Rose. Pkt. 25c.

1187. American Beauty—Bright rosy carmine, the shade of the world-famous American Beauty rose. Of perfect form and always of the largest size. Pkt. 20c.

1188. White Beauty. Pkt. 20c.

OUR XXX GIANT COMET MIXTURE This exceptionally fine Aster is without a rival. It is often mistaken for the Chrysanthemum, which it so much resembles. The flowers are of extraordinary size—much larger than other varieties—and stand erect on long, graceful stems, well above the foliage; flower-stems 15 inches long. Grand for cutting. By far the most satisfactory Aster grown. No. 1189. Pkt. 15c.

PEERLESS PINK ASTER The plants are of robust free-branching habit, 24 to 30 inches high, bearing their magnificent blooms on strong stems averaging 18 inches in length, and it is hard to find a flower under four inches across. The color is a rich, shell-pink. No. 1191. Pkt. 15c.

GIANT ROCHESTER This is a new class of Asters with flowers of the Comet type, which have petals that are very long, narrow and gracefully recurved, giving them a lightness and grace that makes them the most artistic of all Asters. The immense size of the flowers, their artistic beauty, delicacy of coloring and freedom of bloom make them superior to almost all others.

1193. White—Pkt. 15c. 1194. Lavender—Pkt. 15c.
1196. Light Pink—Pkt. 15c. 1197. Mixed Colors—Pkt. 10c.

GROW OUR GIANT ASTERMUM—A PACKET EACH OF THREE COLORS FOR 40c.

SENSATION This is the reddest of all red Asters, the color being a rich garnet or ox-blood red which glistens in the sunshine like a live coal. The intense color shows up well when cut, and makes a very brilliant bit of color in a bed or border. No. 1223. Pkt. 15c.

PERFECTION The improved strains of this grand Aster are considered the finest in cultivation. The petals are beautifully incurved. Very profuse bloomers, producing rich and beautiful flowers.

1240 Mixed Colors—Pkt. 10c.

1247 **Marechal Joffre Aster**—A welcome addition to the single Asters now so popular. Flowers intense crimson-scarlet with clear golden-yellow disc, the petals closely placed and slightly incurved, giving the flowers a fine bold appearance. Foliage metallic dark green. The habit of the plant is compact and erect from 12 to 15 inches high. An excellent bedding variety. Pkt. 15c.

IMPROVED VICTORIA Undoubtedly one of the most handsome Asters in cultivation, of which we have an excellent strain. Flowers are large and perfectly double, of globular shape and beautifully imbricated; plants are of fine pyramidal form. 1¾ feet high. Each variety, pkt. 10c.

1249 **Rose-Pink**—Rose shading to blush-pink.

1251 **Salmon Pink**—Rich salmon-pink, exquisite.

1255 Mixed Colors.

GIANT DAYBREAK ASTER The fully double flowers are a beautiful and extremely delicate shade of flesh pink. No. 1198. Pkt. 15c.

GIANT PURITY ASTER Larger in plant and flower than the famous original. Crowned with great snow-white globes of bloom. No. 1199. Pkt. 15c.

DWARF CHRYSANTHEMUM A large flowering dwarf Aster; plants grow about 1 foot high. Flowers large and double like Chrysanthemums.

1260 Mixed Colors—Pkt. 10c.

HEART OF FRANCE The best pure red large Aster. It opens as red as the purest ruby, deepens with age and retains its remarkable beauty for a long time after cutting. The flowers are large and very full and are borne on long, strong stems. The plants are robust, of branching habit, and commence to bloom quite early in the season. As a cut flower, either for the home or for market purposes, Heart of France is unsurpassed. No. 1200. Pkt. 20c.

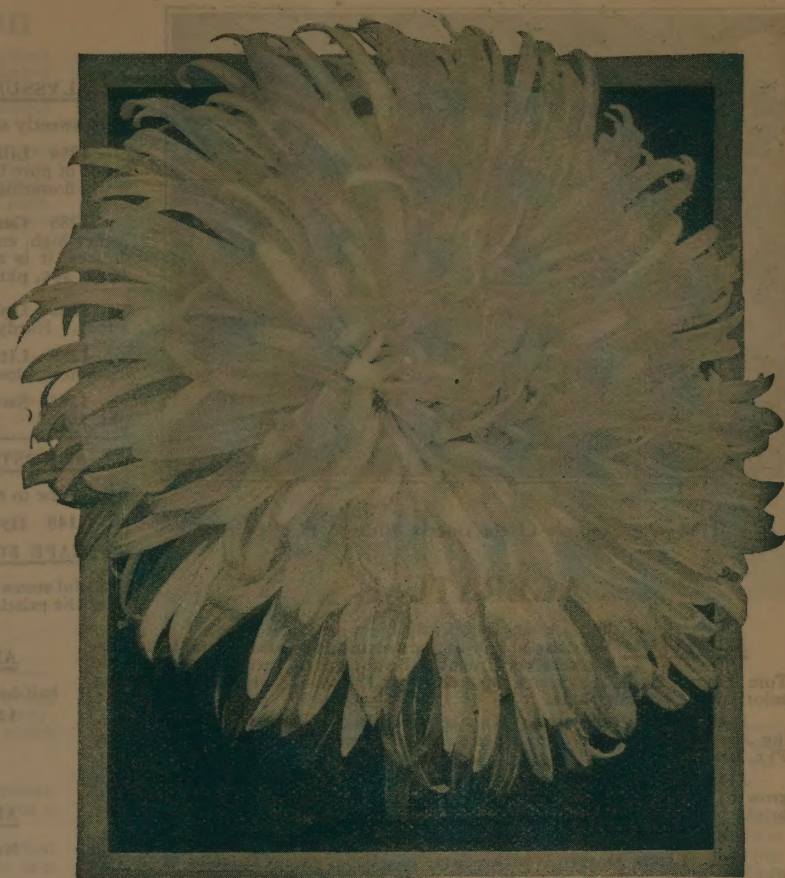
KING ASTERS This magnificent class of Asters is distinct from all others in the character of the flowers. The long, narrow petals are folded lengthwise appearing almost as though quilled. The flowers are of great size and substance, and last longer when cut than any other class.

1206 Mixed Colors—Pkt. 10c.

EARLY WONDER ASTER The earliest variety in cultivation, coming into bloom several days before "Queen of The Market." The form is that of "Giant Comet" type; the flowers are large and very double; stems average 18 inches in length.

1219 Pink—Pkt. 15c. 1220 White—Pkt. 15c.

PERENNIAL ASTERS (Michaelmas Daisies).—Single-flowering, hardy variety, thriving in any good garden soil. If sown early in the Spring, they will flower the first season. No. 1278. Mixed Colors. Pkt. 15c.



1182. Triumph Comet Aster, Pkt. 10c.

QUEEN OF THE MARKET The plants are of open, spreading habit, producing quite large flowers very early in the season, being in full bloom 2 weeks before those of Crego's Giant and taller growing types. They are now very popular with florists for early cutting. Height, 18 inches.

1207 **Crimson**—Large size, double flowers of a brilliant crimson. A rich and attractive shade. Pkt. 10c.

1208 **Rose Pink**—An attractive shade of rich pink. Of good form and large size. Pkt. 10c.

1209 **Lavender**—Flowers of a clear lavender shade throughout; beautiful for bunching. Pkt. 10c.

1210 **White**—The earliest really good white cutting aster in existence. Pkt. 10c.

1211 **Mixed**—Contains all the colors offered, together with several others. Pkt. 10c.

ROYAL ASTERS This new strain of early-flowering branching asters is very useful, as it fills in the season between the earliest Queen of The Market and the later Semple's Branching. The magnificent shaped double flowers are very large, with broad petals, slightly incurving; they are borne abundantly and always on extra-long, strong stems.

1215. Royal Shell Pink—Pkt. 10c.

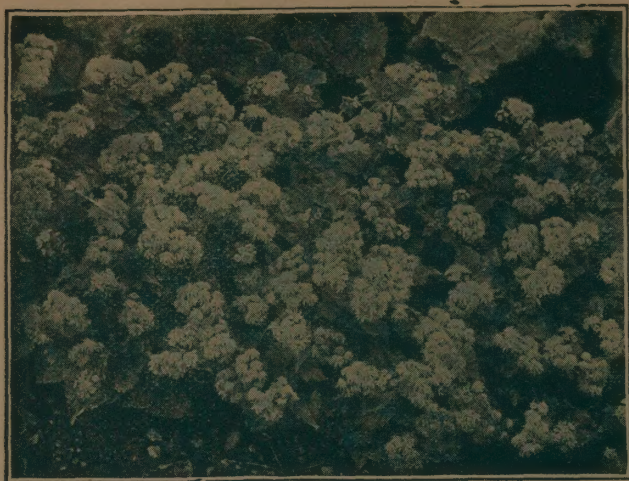
1216. Royal White—Pkt. 10c.

1217. Royal Asters Mixed—Pkt. 10c.

"CRIMSON GIANT" ASTER This variety has all the good qualities of our Superb Late Branching type, but is of upright growth, with extra large, densely double flowers few under 5 inches across, on stems 15 to 18 inches long, in color a very rich blood-crimson, full of fire, making a brilliant bed or border. No. 1221. Pkt. 15c.

"PINK BEAUTY" ASTER This is a magnificent variety of strong, free, upright growth, 24 to 30 inches high, blooming from early in August until well on in September, with frequently as many as 50 flowers open at one time on long, strong stems, and averaging 4 inches across, of chrysanthemum shape, the inner petals incurved, outer reflexed; color a soft delicate blush pink, a shade that is always in demand for cutting. No. 1222. Pkt. 15c.

DWARF CHRYSANTHEMUM ASTERS ARE SPLENDID FOR POT CULTURE OR BEDDING. PKT. 10c.



1143—Ageratum—Little Dorrit Blue. Pkt. 10c.

AGERATUM

AGERATUM Very useful half-hardy annuals for borders and bouquets.

Flowers very regular, height one to two feet, except the Tom Thumb kinds, which are not over 6 to 12 inches in height; prevailing color, bright lavender blue.

1141 Blue Perfection. This is the darkest colored of all large-flowering Ageratums. Color deep amethyst-blue; compact growth; fine bedder. Pkt. 10c.

1142 Little Blue Star. A variety of exceedingly dwarf and even growth; the tiny bushes, not over 4 to 5 inches high, are densely covered with bright blue flowers, a fine variety for edging. Pkt. 20c.

1143 Little Dorrit—Azure blue, very dwarf, free flowering. Pkt. 10c

1144 Little Dorrit White—Same as above, except in color of flower. Pkt. 10c.

1146 Tom Thumb Rose—This beautiful variety forms bushy compact plant about 12 inches high, bearing large trusses of rose-colored flowers in such abundance as to almost cover the plant. Desirable for pot culture, or as a basket or vase plant. Pkt. 15c.

1147 Finest Mixed Colors—Pkt. 10c.

ABRONIA (Umbellata)—Handsome trailing annual for edging, pretty pale rose flowers, similar to Verbenas. No. 1100. Pkt. 10c.

FLOWERING MAPLE

ABUTILON (Flowering Maple)—Very free blooming greenhouse shrubs with handsomely varied and striped bell-shaped flowers; are very ornamental in flower beds. Will bloom the first season when sown early, 2 feet high. No. 1107. Pkt. 25c.

ACACIA (The Wattle)—Decorative, house shrubs with elegant foliage, flowers yellow, white, or red, perennial. No. 1111. mixed varieties Pkt. 10c.

ACHILLEA Ptarmica (The Pearl)—Hardy perennial with double white flowers. No. 1112. Pkt. 25c.

ACHIMENES Splendid plants for the house or conservatory, flowers all shades of white, crimson, blue etc., and afford a blaze of beauty the whole summer. No. 1119. Hybrida, (Cupid's Bower). Pkt. 50c.

ACONITUM (Monks Hood)—Showy hardy perennials, four feet high growing in any good soil, even under the shade of trees. No. 1123. Bright blue and white flowers. Pkt. 15c.

ACROCLINIUM—(Pheasants Eye)

ACROCLINIUM A beautiful class of half-hardy everlasting annuals 1 foot high; graceful border plants.

1128 Double Rose Pink—Pkt. 10c.

1129 Double White—Pkt. 10c.

ADONIS The dark green foliage is finely cut and very pretty; the flowers are brilliant, remaining for a long time in bloom. Hardy Annual.

1135 Autumnalis (Pheasant's Eye)—Intense blood-red with black centre. Very Hardy and attractive, 1 foot. Pkt. 10c.

ADLUMIA Cirrhosa (Mountain Fringe or Allegheny Vine)—A beautiful hardy climbing perennial; flowers pink and white. No. 1139. Pkt. 20c.

BLUE DAISY

AGATHAEA (Blue Daisy or Marguerite)—Hardy annual, blooming profusely with daisy-like flowers of a beautiful shade of blue, with golden-yellow centre. Invaluable. No. 1140. Pkt. 15c.

ALYSSUM

ALYSSUM.—Pretty little plants for beds, vases, baskets edging, or rockwork. blooming profusely all summer; useful also for winter flowering. Very sweetly scented. Hardy annual.

1284 Lilac Queen.—A distinct new variety of the popular Sweet Alyssum, with heads of pure lilac flowers, and of the same dwarf, compact growth as the low-growing white-flowering varieties, except that the spikes of flowers seem longer. Pkt. 20c.

1285 Carpet of Snow.—Very dwarf. This variety grows only two or three inches high, emits honey-like perfume, and is of purest white color. As its name indicates, it is a perfect carpet of snow throughout the entire season. $\frac{1}{2}$ Oz. 60c, $\frac{1}{4}$ oz. 30c, pkt. 10c.

1286 Golden Saxatile.—Brilliant golden-yellow flowers, desirable for rockwork; 1 foot. Hardy perennial. Pkt. 10c.

1287 Little Gem.—Very dwarf, pure white, each plant 12 to 30 inches in diameter; blossoms till killed by frost. $\frac{1}{2}$ Oz. 45c, Pkt. 10c.

1288 Sweet.—White, trailing, fine for borders and window boxes. $\frac{1}{4}$ Oz. 25c, pkt. 10c.

AGROSTEMMA (Crown of the Field).—Free-flowering hardy perennials; flowers pink, in different shades; very pretty, like single pinks; height one to two feet; time of flowering, from June to August.

1148 Hybrida Splendens (Rose Campion).—Deep crimson. Pkt. 10c.

CAPE FORGET-ME-NOT (Anchusa Italica, Dropmore Variety).—The bright blue forget-me-not-like flowers are borne on graceful stems during the entire season and late into the fall. It is a great improvement over the existing varieties. Hardy perennial. No. 1314. Pkt. 15c.

ALONSOA (Mask Flower)—Handsome bedding plants, succeeding well in any garden soil, freely producing flowers of great brilliancy half-hardy annual.

1289 Linifolia—Scarlet flowers, fine feathered foliage. Pkt. 10c.

SWEET SCENTED VERBENA

ALOYSIA Citriodora—A popular perennial, deciduous greenhouse shrub known as the Lemon Scented Verbena. No. 1290, Pkt. 15c.

AMARANTHUS

AMARANTHUS—Plants grown exclusively for their foliage, and in late summer and early fall, when they have reached their fullest development, the glowing effect produced by their mass of rich foliage, is scarcely equalled by any class of plants. They succeed in any soil. Annual.

1302 Tricolor (Joseph's Coat)—Red, yellow and green leaves. Pkt. 10c.

1303 Caudatus (Love Lies Bleeding)—Drooping flowers, deep red. Pkt. 10c.

1305 Sunrise—Bronzy crimson foliage, shading off to brilliant scarlet leaves on top of the stalk, the lower leaves having a scarlet band through the centre. 2½ feet. Pkt. 20c.

1309 Finest Mixed. Pkt. 10c.

ANGELONIA (Floribunda Grandiflora)—Pretty hot-house plants with fine musk-like scent; suitable for windows. No. 1316. Pkt. 25c.



1285 Alyssum—Carpet of Snow. Pkt. 10c.

DON'T FORGET TO ORDER A PACKET OF CHINESE WOOLFLOWER. No. 1617. PACKET 25c.

ANTIRRHINUM—Snapdragon

ANTIRRHINUM (Snapdragon)—A splendid plant for beds or borders and one of our choicest cut flowers, extensively forced under glass during the winter. To have flowers early, sow indoors during February or March, but even if sown outdoors in May it will flower profusely in September.

HALF-DWARF SNAPDRAGONS (*Antirrhinum Majus Nanum Grandiflorum*)—This type has spikes and flowers of good size, and, owing to their dwarf and compact habit of growth, are better adapted for bedding purposes. They grow about 18 inches high, and the mass of bloom which they produce from early until late in the season is really phenomenal.

- 1325 Daphne—Soft blush-pink. Pkt. 10c.
- 1327 Firebrand—Rich deep red. Pkt. 10c.
- 1328 Rose Queen—Rich rose. Pkt. 10c.
- 1329 Bride—Pure White. Pkt. 10c.
- 1330 Half-Dwarf, Mixed—Many beautiful colors. Pkt. 10c.
- 1340 Our XXX Tom Thumb Mixture—Pkt. 15c.

GIANT SNAPDRAGONS (*Antirrhinum Majus Grandiflorum*)—This strain is a great improvement over the old tall-growing variety, being of stronger habit and producing longer spikes and much larger individual flowers; grows about 3 feet high and exceedingly valuable for cutting. It may be also used in beds or the mixed border with fine effect.

- 1333 Giant Pink—Silvery pink. Pkt. 10c.
- 1334 Giant Purple—Pkt. 10c.
- 1335 Giant Rose—Rich rose. Pkt. 10c.
- 1336 Giant Scarlet—Bright and fiery. Pkt. 10c.
- 1337 Giant White—Pure White. Pkt. 10c.
- 1338 Giant Yellow—Clear yellow. Pkt. 10c.
- 1339 Giant Mixed—A splendid mixture. Pkt. 10c.

AMPELOPSIS *Veitchii* (Boston Ivy)—One of the best climbing plants for permanent situations, as it is perfectly hardy, clings to the sides of whatever it may be growing against by the rootlets which it throws out along the stems. Grows 50 to 100 feet high.

No. 1318. Pkt. 10c.

1317 *Quinquifolia* (Virginia Creeper)—It clings to stonework trees, etc., and is a splendid plant for covering unsightly objects; it attains a height of 50 feet. Perfectly hardy. Pkt. 10c.

ANEMONE *St. Brigid*—A beautiful selection from a famous Irish grower comprising semi-double and double flowers in a wonderful array of colors. No. 1319. Pkt. 15c.

ANTHEMIS *Kelwayi* (Marguerite)—A most satisfactory hardy perennial, bearing daisy-like golden yellow blossoms, excellent for cutting. 2 feet. No. 1320. Pkt. 10c.

ANAGALLIS *Grandiflora* (Pimpernel)—Pretty little trailing, hardy annuals, flowering profusely in summer; used with advantage for small beds, edgings, rustic baskets, vases or rockwork. Scarlet blue and carmine mixed. No. 1321. Pkt. 10c.

ARCTOTIS GRANDIS (The African Lilac Daisy)—A handsome new annual, forming profusely branched bushes of about 2 to 2½ feet in height and breadth. The leaves are soft and whitish. Its flower heads, borne on long stems and rising well above the foliage, are pure white on the upper surface, reverse of petals pale lilac. No. 1350. Pkt. 10c.

ARABIS *Alpina*—The earliest prettiest spring flower. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequalled for rockeries or edgings, withstands the drought and is always neat; 6 in. Hardy perennial 1. No. 1351. Pkt. 10c.

ARNEBIA CORNUTA *Arabian Primrose* (Summer Flowering)—A charming annual, growing in bushy form about two feet high, flowers over three-quarters of an inch across, and of a rich primrose yellow, marked with five black spots. No. 1356. Pkt. 25c.

ARISTOLOCHIA (The Dutchman's Pipe)—Climbing plants with curious pipe-shaped flowers.

1361 *Sipho*—Hardy Climber; splendid foliage, and easily grown. Perennial. Pkt. 25c.

ARMERIA *Formosa*—Commonly known as Thrift. Excellent for edging or borders. Dwarf plant of easy culture, forms evergreen tufts of bright green foliage, and producing innumerable pink flowers in dense head on stiff, wiry stems. Hardy perennial. No. 1362. Pkt. 10c.

ASPARAGUS FERN

ASPARAGUS *Plumosus Nanus*—This plant possesses the advantage of being very graceful, its foliage being finer than that of the most delicate fern, and will last for weeks after being cut, the whole plant being of a bright cheerful green. It is an excellent house plant, succeeding under almost any conditions. No. 1384. Pkt. 25c.

1382 *Sprengeri*—A pot plant for decorative purposes or for planting in suspended baskets. It will make an excellent house plant, as it withstands dry atmosphere and will succeed in almost any position. We consider this one of the best house plants introduced in many years. Pkt. 15c.

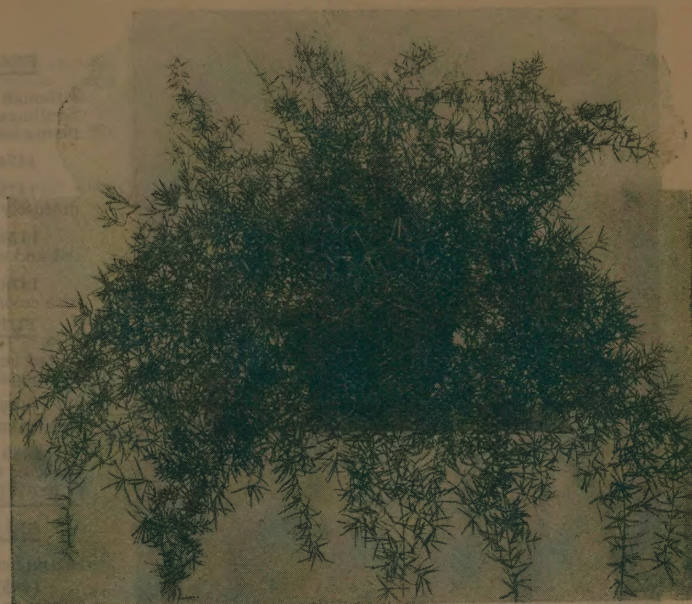
ASPERULA—Sweet Woodruff

ASPERULA *Odorata* (Woodruff)—Dwarf spring flowers of sky-blue, thrives in shady situations perennial. No. 1387. Pkt. 10c.

AUBRIETIA Hardy perennial, invaluable for covering rockwork or any unsightly spot somewhat elevated above the surrounding ground. They will grow in almost any kind of soil and may remain for years undisturbed. 1390 *Liechtlini*—Rosy red, a very pretty variety. Pkt. 25c.

PRIMULA AURICULA

AURICULA *Primula*—A well-known favorite of great beauty; seed saved from splendid choice mixed varieties; half-hardy perennial; 6 inches. No. 1395. Pkt. 25c.



1382. Asparagus—Emerald Feather. Pkt. 15c.

AQUILEGIA—Columbine

AQUILEGIA (Columbine)—Columbines should be planted wherever their presence will serve to lighten up to a stiff and formal planting, for no other plant has so airy a grace as this splendid hardy, flower; is more generous of its blooms, or more effectively adapted for cut flowers.

1344 *Mrs. Scott Elliott's Strain of Long-Spurred Hybrids*—This grand strain has been much admired wherever exhibited. The seed is saved from selected plants only, chosen either for size, form or delicacy of coloring. The colors are distinct shades of white, lavender, salmon, mauve, pink, yellow, etc. Pkt. 25c.

1345 *Nivea Grandiflora*—A beautiful large pure white. Pkt. 10c.

1347 *Our XXX Giant Long-Spurred Mixture*—A very excellent mixture of Columbines, comprising new and pleasing shades and combinations effective and striking in the individual flowers, in many shades of lavender, blue, mauve, white, yellow, orange, scarlet and bright rose-pink. Pkt. 15c.

1348 *Chrysantha*—Well known as the "Goldea Spurred Columbine." Bright yellow with long spurs. 3 feet. Pkt. 15c.

1349 *Double and Single*—Mixed colors. Pkt. 10c.

ARABIAN PRIMROSE



1340. Antirrhinum—Snapdragon. Pkt. 15c.

BEGONIAS

BEGONIA SEMPERFLORENS Fibrous-rooted—A continuous-flowering section of begonias of the greatest value for bedding; the flowers although small, are of brilliant colors and borne in great profusion from summer to autumn. Seedlings of spring bloom in summer, while seedlings of summer make valuable decorative plants for the house during winter.

1474 **Gracilis Luminosa**—Large bright scarlet flowers. Pkt. 25c.

1475 **Vernon**—Flowers of a brilliant orange carmine; foliage of a glossy red, blooms profusely; a good bedder. Pkt. 25c.

1476 **Rex Varieties**—Large, handsome leaves, dark green, variegated with red bronze; red and silver-white; green-house perennial. 1 foot. Pkt. 50c.

1478 **Erfordia**—A very pretty variety, densely covered with handsome flowers of a rose color. Pkt. 25c.

TUBEROUS-ROOTED BEGONIAS For brilliancy of color, duration and profusion of bloom, few plants can compare with the tuberous-rooted begonias offered. For house decoration and for summer bedding they are unequalled. Seedlings raised in heat early in spring will flower the same summer.

1479 **Single Tuberous-Rooted Mixed**—Saved from finest exhibition varieties, all having large well formed flowers of many brilliant shades of color. Pkt. 50c.

1480 **Double Tuberous-Rooted Mixed**—Producing in strong erect stems an abundance of very double flowers ranging from brilliant rose to carmine, often with white margin or mottling, very striking. Pkt. 75c.

BELLIS (Double Daisy)—A low growing spring flowering plant. Loves a shady place and will reward the gardener with a mass of blossoms for succeeding years if left undisturbed. Perennial.

1485 **Giant Snowball**—Each plant produces pure white flowers of enormous size, almost as big as a good-sized Aster. Pkt. 25c.

1486 **Giant Rose**—Same as above except in color. Pkt. 25c.

1488 **Double Mixed Colors**—Pkt. 10c.

1489 **Mammoth Mixed**—Flowers frequently attain the size of Zinnias. The flower stems are long and stiff and almost as thick as a pencil. Pkt. 25c.

BRACHYCOME (Swan River Daisy)—Free-flowering, dwarf growing hardy annual covered during the greater part of the summer with a profusion of pretty blue or white flowers; suitable for edgings, small beds or pot culture. Mixed colors. No. 1495. Pkt. 10c.

BOCCONIA Cordata (Plume Poppy)—Effective, hardy perennial, for single specimens or groups on lawns. Foliage glaucous green; bears freely spikes 2 to 3 feet long of cream-colored flowers; 5 feet; easily raised from seed. No. 1500. Pkt. 10c.

BROWALLIA One of our favorite profuse blooming bedding plants, covered with rich beautiful winged flowers during the summer and autumn months, supplying a shade of intense blue, very uncommon; grows freely in any rich soil; blooms finely in the winter if lifted in autumn and cut back. Annual.

1501 **Elata Mixed**—Blue and White. Pkt. 10c.

CACALIA (Tassel Flower or Flora's Paint Brush)—A very attractive border plant with brilliant orange-scarlet flowers, which are much prized for bouquets and vases. Annual. No. 1505. Pkt. 10c.

CACTUS SEEDS At once one of the most curious and popular class of plants grown. Many varieties can be grown from seed with a little care and patience. Sow seed in shallow pans or saucers filled with clear, coarse sand, with good drainage. Cover with glass, keep moderately moist, but not wet. Pot seedlings into very small pots. House culture. No. 1506 Fine Mixed Pkt. 25c.

CALCEOLARIA Hybrida Grandiflora (Pouchflower) Perfection Prize Mixed—1½ ft. The gorgeous beauty of these flowers render them indispensable for house decoration. It is not of easy culture, but a very desirable flower. Bears a large profusion of small, pocket-shaped flowers, many of which are beautifully tigered or spotted. There is a great variety of shades and colors in various markings.

1522 Half pkt. 40c., regular pkt. 75c.

1523 **Hybrida Shrubby** or perennial—For bedding out, bright yellow flowers. Half pkt. 25c., pkt. 50c.



1458. Our XXX Defiance Balsam. Pkt. 15c.

BALSAMS

DOUBLE BALSAM (Lady's Slipper)—These old fashioned flowers have been much improved, and what we offer are perfect in form and of the largest size. Give Balsams plenty of room and they will develop to immense plants with gorgeous flowers. They are annuals of easy culture and will surely succeed almost anywhere; height 2 feet.

1458 **Our XXX Defiance Balsams**—Our strain is unsurpassed. The large, double flowers are as fine as the most elegant Camellia. The size, fine form, varied and brilliant colors of our XXX Balsams are greatly admired. Pkt. 15c.

1459 **Invincible Camellia-Flowered Double Mixed**—We have no hesitancy in pronouncing this strain the Finest in Cultivation. The flowers are very large, measuring from two to three inches in diameter, of perfect form, resembling the flower of the Camellia and are as double. Height, two feet; mixed. Pkt. 10c.

1463 **Dwarf Spotted**—One foot in height; flowers abundantly, quite distinct. Double. Finest mixed. Pkt. 10c.

1464 **Large Rose Flowered, mixed**—Double; fine colors. Pkt. 10c.

1465 **Double Pink**—Pkt. 10c.

1466 **Perfection White (Queen's White) Camellia-Flowered**—Flowers pure white, of immense size and solidity. Pkt. 10c.

1469 **Double, fine mixed**—Pkt. 10c.

BARTONIA

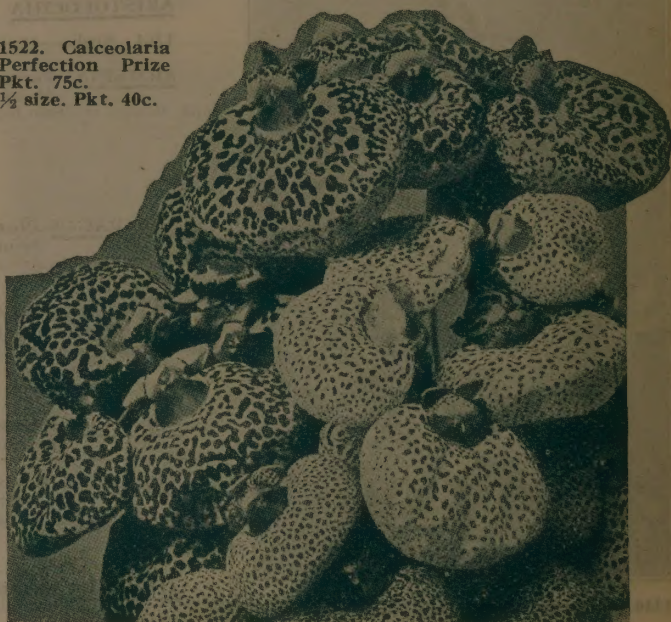
BARTONIA Aurea—Producing showy golden-yellow flowers above its gray and downy thistle-like foliage, which are exceedingly brilliant in the sunshine. Sow where it is to remain, as it does not bear transplanting; hardy annual, 2 feet. No. 1471. Pkt. 10c.

ORNAMENTAL BEET

ORNAMENTAL BEET Used especially for its ornamental foliage; grows in any good garden soil; if grown in garden makes a fine contrast with other plants. Annuals. 2 feet.

1472 **Chillan or Brazilian**—Special selection for bedding, saved only from good crinkled-leaved varieties, with large midribs; crimson and yellow. Pkt. 10c.

1473 **Crimson Willow-Leaved**—Fine, dark ornamental leaved bedding variety, very elegant and graceful, narrow drooping foliage. Pkt. 10c.



CALENDULA

SCOTCH OR POT MARIGOLD A genus of showy annuals, blooming from early summer till late in the fall. They are deservedly popular, being easy to grow, very hardy, good for cutting, and bloom over a long season. Height 12 inches.

1525 Orange King—A splendid variety of Calendula, with large, orange flowers, perfectly double, and beautifully formed. Pkt. 10c.

1526 Lemon Queen—The best of this shade and an excellent companion to Orange King to which it is similar in every way but color, being a rich lemon-yellow. Pkt. 10c.

1529 Choice Mixed—Splendid mixture of many handsome varieties. Pkt. 10c.

CALLIOPSIS

CALLIOPSIS (Tickseed)—Very graceful border plants, supplying throughout summer an abundance of elegant showy flowers which are greatly prized for bouquets and vases. They will thrive anywhere, even in city gardens, where their bright colors are highly appreciated. Annual.

1532 Golden Wave (Drummond)—Rich golden-yellow with small chestnut-brown centre; very free; 12 inches. Pkt. 10c.

1534 Special Mixture Calliopsis—This is the most pleasing mixture offered. It contains all the desirable sorts and colors of these beautiful flowers. A great number of kinds have been especially selected for it. Pkt. 10c.

CAMPANULA—Canterbury Bell

CAMPANULA or Bell Flower—These are two general classes of Campanulas, hardy biennials, which blossom from seed the second year, and perennials. The biennials are the better known, and include the very popular Campanula Medium or Canterbury Bell, and Campanula Calycanthema, or Cup and Saucer. Campanula Carpatia, Pyramidalis or Chimney Bell Flower, and Platycodon Grandiflora are perennials.

PYRAMIDALIS Chimney Bell Flower—Pyramidal plants three feet high, bearing hundreds of beautiful cup-shaped flowers. Suitable for the garden or pots. Blue and white mixed. Blooms in August. Perennials.

1541 Pyramidalis Mixed—Pkt. 15c.

1542 Persicifolia Grandiflora—One of the finest hardy all-flowers, growing 2 to 3 feet high. The fine saucer shaped flowers are freely borne on good stems from June till September. Pkt. 15c.

1546 Prize Mixture—All colors of single and double; also cup and saucer, unsurpassed. Biennials. Pkt. 15c.

1547 Medium Double Mixed—Double flowering variety of the preceding, constant from seed. Biennials. Pkt. 15c.

1548 Medium Single Mixed—Two feet high; large single blue flowers. Biennials. Pkt. 10c.

CUP AND SAUCER VARIETIES Calycanthema—The finest type of this old and popular garden plant. The flowers are very large and grow in the form of a cup and saucer. Biennial. We offer the following colors. Each variety, pkt. 15c.
1549 Blue. 1550 Pink. 1551 White. 1552 Mixed Colors.

CALLIRRHOE Pedata—A half-hardy annual of the Mallow tribe, with large, deep rosy flowers produced in abundance during the whole summer, of easy culture, height 2 feet. No. 1553. Pkt. 15c.

CALLA Devoniensis—The new beautiful and best calla up to date. It produces from 3 to 4 times as many flowers as the older sorts. Its willingness to bloom is phenomenal, while its culture is very simple. They are pure white, large, and are borne on stout stalks. Easily grown from seed. No. 1554. Pkt. (20 seeds) 25c.



1601. Our XXX Giant Marguerite Carnation—Mixed. Pkt. 15c.



1697. Coreopsis Lanceolata. Pkt. 10c.

CANDYTUFT (Iberis)—Hardy annual, yielding an abundance of fragrant flowers throughout the whole season in almost any soil or situation; it is a well-known favorite for beds, edgings, pots, border etc., deserving to be cultivated in every garden.

1555 Rose Cardinal—A beautiful shade of rosy scarlet. Pkt. 10c.

1556 Snow Queen—White; 7 in. A grand border plant, bearing very large bold spikes of snowy white flowers, habit sturdy and compact. This is an especially select stock. Pkt. 10c.

1557 Empress—One of the finest varieties in cultivation. The plant is of a very branching habit, and when fully grown and covered with its large trusses of pure white flowers, resembles a floral candelabra. Pkt. 10c.

1558 New Carmine—Pkt. 10c. **1559 Lilac**—Pkt. 10c.

1560 Crimson—Pkt. 10c.

1562 Finest Mixed—All colors. Pkt. 10c.

1563 Dwarf Hybrids Mixed—Plants of fine compact growth, covered with large flowers ranging in color from rose, salmon, coral pink and delicate blush, to lilac and purple crimson; valuable for borders and cutting. Pkt. 10c.

HARDY CANDYTUFT (Iberis Sempervirens)—A profusely white-blooming, hardy perennial, coming in flower early in the spring; much used for cemeteries, rockeries, etc. 1 foot. No. 1565. Pkt. 15c.

CARNATIONS

CARNATIONS "Carnation," "Pink," "Clove Pink," "Florist's Pink" are names applied by different people to the same or to different plants of several species as well as to hybrids between them. They are all easily grown from seed and very free blooming; the flowers being bright colored and with a most delicious clove-like fragrance. Some of the varieties are very desirable for the professional florist and make fine house plants for the amateur. Others do best in the open ground and are among the most desirable of garden plants. Half-hardy perennial.

1592 Early Vienna—Large double flowers in mixture. Pkt. 15c.

1593 Early Dwarf Grenadin—For yielding a quantity of double flowers for cutting there is no carnation than can equal it. Flowers salmon-red and sweet-scented. Pkt. 25c.

1594 Remontant, Perpetual Flowering, or Tree—Flowering almost constantly during the season, and in winter, if kept indoors. Seeds from extra choice double flowers. Pkt. 25c.

1595 Chabaud's Everblooming—The plants of even height, as if trimmed, healthy and vigorous, the stalks stiff as wire, the flowers large, very double, deliciously sweet and in the largest and most charming color variations. These also bloom in four months from the time the seedlings are up. Pkt. 25c.

1596 Our Extra Choice Double Mixed—Finest strain in cultivation; flowers exceptionally large and finely fringed. Pkt. 35c.

1597 Hardy Border Double Mixed—A good hardy strain for outdoor culture, flowering the second season and producing a mass of flowers in a great variety of colors. Pkt. 10c.

MARGUERITE CARNATIONS Plants are of dwarf, compact and neat habit. They flower most abundantly, and throughout the whole year. Eighty per cent. of the flowers are very double, never burst, and embrace a great variety of colors. The seedlings bloom in four months from planting and by making repeated plantings, flowers can be had all winter.

1600 White—Extra large flowers. Pkt. 15c.

1601 Our XXX Giant Marguerite Mixture—An improved strain, with flowers frequently $2\frac{1}{2}$ to 3 inches across; free blooming. Finest mixed. Pkt. 15c.

OUR EXTRA CHOICE DOUBLE MIXED CARNATIONS PRODUCE EXQUISITE FLOWERS. No. 1596. Pkt. 35c.



1608. Celosia—Empress. Pkt. 15c.

CANARY BIRD VINE A dainty vine with beautiful cut leaves and pretty delicate flowers of a clear canary-yellow. From the color of its blossom and also from a fancied resemblance of their shape to a bird with wings expanded the plant obtained its common name. Does well in shade. Annual. No. 1575. Oz. 45c, pkt. 10c.

BURBANK'S RAINBOW CORN Luther Burbank says: "Beautiful as the most beautiful Dracænas." Broad stripes of crimson, yellow, white, green, rose and bronze. This has been on exhibition by the California Development Board during the past season and has been the admiration of everybody. Nothing like it for decorative purposes, either for garden or for cutting. As easily grown as field corn. Annual. No. 1580. Pkt. 15c.

CANNA The Canna will bloom from seed the first year if the seed is sown early. Seeds should be soaked for twenty-four hours in warm water before sowing. Gorgeous bedding plants, dwarf in habit, early bloomers, and remarkable for beauty, size of flower and foliage. If seeds be sown before April in hotbed or greenhouse, the plants will bloom July, and continue until frost. These plants may be potted in the fall and kept blooming through the winter, or the roots may be taken up in late fall and replanted the following spring. Novelty mixture. No. 1581. Pkt. 10c.

BALLOON VINE "Love in a Puff"—Rapid growing, pretty annual climber; delights in a light soil and warm situation; produces white flowers, followed by seed vessels that look like small balloons; makes a fine porch screen. 10 feet. No. 1588. Oz. 35c, pkt. 10c.

CATANANCHE (Everlasting)—Flowers white with violet centres and blue with purple centre, quite double, somewhat resembling a pink; extremely showy, 1½ to 2 feet. high. Perennial. No. 1605. Pkt. 15c.

COCKSCOMB (or Celosia)—Free-blooming annuals, growing best in rather light soil, not too rich; make grand border plants and are attractive for pots. Seed can be sown under cover in early spring and planted out in May, or may be sown out of doors in May.

1608 Empress—Combs of colossal proportions; rich velvety crimson, extremely double and well formed. Pkt. 15c.

1609 Cristata, dwarf—Mixed colors. Pkt. 10c.

Feathered or Ostrich Plume—This feathered Celosia produces very large plumes which are exquisitely curved and curled in exact resemblance of an ostrich feather. Make fine plants for large beds or groups, and the plumes or flowers can be cut and dried for winter bouquets.

1614 Plumosa or Feathered Cockscomb—Surrounded with long feathered plumes of various colors. Pkt. 10c.

1615 Finest Mixture of all Varieties—Pkt. 10c.

CHINESE WOOLFLOWER Celosia Childs—A much admired and effective form of the feathered Celosia, growing 2 to 3 feet high, well branched and each branch terminating with a large head or ball of rich flowers of a silky wool-like appearance blooming early and lasting till killed by frost. Will keep for weeks when cut, retaining its rich color. Annual of easiest culture. No. 1617. Pkt. 25c.

CORNFLOWER Centaurea Cyanus—These are also known as Bachelor's Buttons, Blue Bottle, Ragged Sailor, Bluet, etc. They are well known to every flower over and always included in old-fashioned gardens. Annuals.

1618 Double Blue—This is a standard variety and largely used as a cut flower. It is identical in color to the popular single blue variety, which is so much in demand for boutonnières, but, being a full, double flower, it takes fewer of them to make a nice bunch. Pkt. 15c.

1619 Imperial Blue—Bright blue, fine. The favorite blue sort so much in demand for cutting. Pkt. 10c.

1621 Double Mixed (Bachelor's Button)—Produces larger, more globular flower-heads than the common variety. Pkt. 10c.

1622 Marguerite—A most desirable, sweet scented Centaurea, producing on long stems finely laciniated, white flowers, about as large as a carnation, and which remain fresh and beautiful for a long time after cutting. Hardy annual; about eighteen inches high. Pkt. 15c.

1623 Americana—Lilac flowers, 3 feet high. Pkt. 10c.

1624 Macrocephala Golden Yellow (Perennial)—Pkt. 10c.

1625 Cyanus (Blue Bottle)—Different colors mixed, 2 feet high. Pkt. 10c.

WHITE-LEAVED CENTAUREAS (Dusty Millers)—Fine for bedding, vases, hanging-baskets and pots; also extensively used for margins. As an edging to a bed of dark-leaved Cannas or Scarlet Sage these are particularly effective. Sow the seed early indoors, and transplant in May. The white leaved Cinerarias are also known as Dusty Millers. See page 47.

1626 Candidissima—Silvery white; leaves broadly cut. Pkt. 15c

1627 Gymnocarpa—Fine-cut silvery foliage; 1½ feet. Pkt. 10c.

GIANT SWEET SULTAN

GIANT SWEET SULTAN (Centaurea Imperialis)—This beautiful class is undoubtedly the finest of all the Sweet Sultans for cutting purposes. Beautiful, deliciously sweet-scented flowers are borne on long, strong stems and are particularly striking, lasting several days after cutting. We recommend sowing in succession every two weeks until July, thereby giving a continuous bloom from summer to fall. Annuals.

1628 Deep Lavender—Pkt. 15c.

1630 Rose—Pkt. 15c.

1631 White—Pkt. 15c.

1632 Yellow—Pkt. 15c.

1633 Mixed Colors—Pkt. 10c.

CHRYSANTHEMUM

CHRYSANTHEMUM Showy and effective garden favorites, extensively grown for cut flowers. The hardy annuals are summer flowering border plants; good for pot culture, and quite distinct from the autumn flowering variety.

1637 Evening Star—Large golden yellow flower. Pkt. 10c.

1642 Bridal Robe Inodorum—Compact growing annual, upright habit, ten inches high, flowers extra double white. Pkt. 20c.

1645 Special Mixture of Annual Chrysanthemums—Single and double sorts in finest mixture including many new varieties not catalogued above. Pkt. 10c.

1646 Inodorum Plenissimum—Double, snow white, very free-flowering and fine for cutting. A perennial flowering the first year from seed. Pkt. 10c.

1647 Japanese Hybrids—The seed here offered has been saved from blooms that have been carefully hybridized, and may be expected to produce some rare novelties in this popular flower. Chrysanthemum seed sown in spring will produce vigorous flowering plants by fall. House culture. Pkt. 25c

1648 Single Mixed (Painted Daisies)—Many colors. Pkt. 10c.

1649 Maximum King Edward VII (Moonpenny Daisy)—Considered the finest of all, with flowers of extraordinary size, of purest white, perfect form, and exceedingly free-flowering. A splendid addition to this useful hardy perennial. Pkt. 10c.

1650 Hardy Pompom—A fine strain of the old fashioned hardy fall flowering sorts, with double button-like blossoms. Mixed colors. Pkt. 25c

SHASTA DAISY

SHASTA DAISY Burbank's Shasta Daisy—A splendid hardy perennial, with flowers rarely less than 5 inches across, of the purest glistening white, with broad overlapping petals, and borne on long, strong stems; a beautiful cut flower, remaining in good condition a week or more. No. 1652. Pkt. 15c.



1633. Giant Sweet Sultan Mixed. Pkt. 10c.

GIANT SWEET SULTAN MAKES A SPLENDID CUT FLOWER—TRY A PACKET. No. 1633. Pkt. 10c.

CINERARIA

CINERARIA HYBRIDA Beautiful flowering plants for the house or conservatory during the spring months.

Seed should be sown from May to September for succession. Where only one sowing is made, July should be preferred. Cinerarias grow so freely that the seedlings may go straight from the seed-pans to thumb-pots. After transplanting, place in a cold frame facing north, if possible. When the pots become full of roots, shift into larger ones till the flowering size is reached. Our prize strain is justly celebrated for all good qualities, being especially noted for size, coloring and texture.

1653 Matador—The new large flowering scarlet, which adds considerable life and brilliancy to a collection. Pkt. 50c.

1654 Hybrida, double-flowered—Representing every shade of color, unquestionably one of the best of recent introduction. Pkt. 50c.

1655 Stellata (Star Cineraria)—A charming variety, with large spreading panicles of starry flowers; the extreme grace and elegance of the plant and flowers make them wonderfully effective for the decoration of the house and conservatory and especially so for church decoration; also useful for cutting. Mixed. Pkt. 25c.

1656 Hybrida Grandiflora Maxima—(Our Prize Strain)—A popular class of indoor or greenhouse plants, yielding abundance of bright tinted flowers early in spring in great variety of shades. Cinerarias grown from our strain of seed have been greatly admired on account of their large flowers and distinct colors. Our strain of Cineraria cannot be surpassed either for size of flowers or beauty of color, many of the blooms measuring 2½ inches in diameter. We have received very flattering reports from florists and private gardeners of their success with our Cineraria seed. All desiring the best should obtain our strain. Mixed colors, pkt. 50c.

WHITE-LEAVED CINERARIA *Maritima Candidissima* (Dusty Millers)—These as well as the white leaved *Centaureas* offered on page 46, are called "Dusty Miller." Fine for bedding, ribbon beds and margins; prized for their beautiful downy silvery foliage. Half hardy perennial. 1 foot. No. 1658. Pkt. 10c.

CLEMATIS

CLEMATIS (Virgin's Bower)—These hardy perennials are most rapid growing climbers, producing an abundance of interesting, sweet-scented and showy flowers.

1659 Jackmanii Hybrids—A rapid climber with flowers of large size, blue, white and purple, mixed. Pkt. 25c.

1660 Paniculata (Japanese Virgin's Bower)—A fine climber abundantly covered from top to bottom with pure white fragrant flowers and pretty red seed pods. Pkt. 10c.

1661 Flammula—Sweet-scented, white flowers. Pkt. 10c.

SNOW IN SUMMER

CERASTIUM Tomentosum (Snow in Summer)—A very pretty dwarf, white-leaved edging plant, bearing small white flowers; hardy perennial. No. 1634. Pkt. 25c.

CLINTONIA

CLINTONIA Pulchella—Elegant, tiny, half-hardy annual, 6 to 8 inches high, sky-blue flowers, with white centre. Best grown in pots or in hanging baskets. No. 1664. Pkt. 25c.



1656 Cineraria Grandiflora. Pkt. 50c.

CLARKIA

CLARKIA Clarkias are popular summer annuals, all perfectly hardy, and can be grown with the utmost ease in ordinary soil. They flower profusely, and are exceedingly bright and attractive, especially in large masses.

1662 Mrs. Langtry—The petals have an even edge, the color of the flowers being purest white, with centre of carmine crimson. Pkt. 10c.

1663 Double and Single Varieties—Mixed. Pkt. 10c.

CLIANTHUS Dampieri (Glory Pea of Australia)—A splendid half-hardy shrub two feet high with large clusters of brilliant scarlet flowers, marked with a black blotch in the centre. If sown early will flower outdoors the first year. No. 1665. Pkt. 25c.

CENTRANTHUS Macrosiphon—Showy, low-growing, hardy annuals suitable for any ordinary garden soil. One foot high. Mixed colors. No. 1666. Pkt. 10c.

CLEOME Gigantea (Giant Spider Flower)—In our trial grounds this proved to be the finest Cleome we had ever seen. The plants attain a height of 3½ feet, well branched, each branch terminated by a large head of bright rosy-crimson flowers. It makes a striking subject for large beds or for interspersing in the shrubbery border, and is used extensively in many of the public parks. Seed should be sown in the open ground as soon as the weather is warm and settled, and the plants given sufficient room to develop their full beauty. No. 1668. Pkt. 10c.

ANNUAL CLIMBERS Choice Mixed—No. 1670. Oz. 30c, pkt. 10c.

COBÆA

COBÆA (Cup and Saucer Vine)—A climber of rapid growth, attaining a height of 30 to 50 feet during the season; valuable for covering trellises, arbors, trunks of trees, etc.; will cling to any rough surface. In sowing, place seeds edgewise and merely cover with light soil; to get early results start the seed indoors in March or April; can also be sown out-of-doors in May. Annuals.

1674 Scandens Alba—Pure white. Pkt. 15c.

1675 Scandens—Large bell-shaped purple flowers. Pkt. 10c.

COLEUS

COLEUS (Flame Nettle)—Our strain of hybrid varieties produces the finest colored, most attractive and novel foliage plants for house or garden culture. A most interesting subject to grow from seed. Easily raised. Sow indoors in March or April.

1678 Hybrida—The broad, oblong leaves being of a deep crimson brown color, edged with green, yellow or salmon color, or mottled in a most picturesque manner. Finest Mix ture. Pkt. 35c.

COLLOMIA Coccinea—Hardy annual, about 18 inches high, scarlet flowers. No. 1679. Pkt. 10c.

CUPHEA Remarkable for their beauty, freedom of blossom and ornamental appearance both in the house and in the arbor.

1682 Platycentra (Cigar Flower)—One foot high; intense scarlet flowers. Pkt. 25c.

CYCLANTHERA Explodens—Fast growing, hardy annual climber, fringed foliage oval-shaped fruit. No. 1683. Pkt. 10c.

CYPERUS Alternifolius (Umbrella Plant)—A handsome foliage plant for the greenhouse or open ground; resembles an open umbrella frame. No. 1684. Pkt. 15c.

COTTON Very ornamental plants for general garden; flowers large and pure white. Seed pods pointed and at maturity burst, showing a profusion of white down known as our commercial cotton, in the center of which are contained the seeds. Annual. No. 1680. Pkt. 10c.

CYNOGLOSSUM Pretty border plants, profuse in bloom and excellent for cutting. Annual. *Cœstinum*. Fine blue. No. 1681. Pkt. 10c.



1675 Cobæa
Pkt. 10c.

FOLIAGE PLANTS ARE VERY POPULAR. OUR COLEUS PRODUCES FANCY PLANTS. No. 1678. PKT. 35c.



1720 Our Giant Prize Cyclamen. Pkt. 50c.

CONVOLVULUS (Morning Glory)—The Morning Glory is too well known to need a description, and one seldom finds a more satisfactory vine. The amateur gardener can be sure of a fresh supply of bright colored, delicately tinted flowers. Annual.

1693 **Imperial, Fringed Mixed**—The Japanese Morning Glory requires a warm situation to do well. The south side of a wall or building where the plants are protected from the north west winds will mostly be found beneficial for these vines. Pkt. 15c.

1695 **Our XXX Special Mixture, Japanese Morning Glories**—The colors run from snow white through all possible shades of blue and red from palest pink to darkest reds and purples. Flowers are streaked, mottled and bordered in wonderful fashion. Pkt. 15c.

1686 **"Heavenly Blue" or Sky Blue Mexican**—Foliage very large heart shaped; flowers four to six inches across in large clusters, light blue with a yellow throat suffusing softly into blue. Pkt. 10c.

1688 **Setosa (Brazilian Morning Glory)**—The deeply lobed leaves are about nine inches across; flowers about two inches in diameter, of delicate texture, tinted pink with a five pointed star of satiny pink and are followed by curious seed pods. Pkt. 10c.

1689 **Morning Glories, all colors mixed**—Pkt. 15c.

1690 **"The Blue Dawn Flower," Leari**—Most beautiful, bearing clusters of the most lovely sky-blue flowers. Pkt. 15c.

1691 **Mauritanicus**—Beautiful trailing plant, completely covered with lavender blue flowers which remain open all day. For a hanging basket either on a porch during summer or in a window in winter it is charming. Pkt. 15c.

1692 **Double Mixed Colors**. Pkt. 10c.

Dwarf Morning Glory—Are very showy and beautiful hardy annua for flower beds and borders, also rockwork; they bloom for a long period and delight in sun.

1694 **Mixed, all colors**—pkt. 10c.

COSMOS

COSMOS This beautiful annual is one of the most showy and useful of our garden plants. Plants are very bushy and compact. Flowers borne on long delicate stems and are similar to single Dahlias. Foliage very finely cut.

Mammoth Perfection—A magnificent selection, bearing flowers of mammoth size and perfect form.

1702 **Mammoth Perfection Mixed**—Pkt. 10c.

Extra Early Flowering—This strain produces flowers 3½ inches across, and come into bloom 60 days from time of sowing.

1703 **Crimson**—Very rich. Pkt. 10c. 1704 **Pink**—A pretty color. Pkt. 10c.

1705 **White**—Glistening white. Pkt. 10c. 1706 **Mixed**—All colors. Pkt. 10c.

Double Crested—This new type of Cosmos is unique and exceedingly pretty. The flowers are of good size, with fully double centres and an outer row or crest of broad ray petals. The plants are vigorous, attaining a height of five feet, and are covered with blooms from early September until cut down by frost. This is the best of all Cosmos for cut-flowers, lasting well in water, and the dainty colors are most attractive for either garden or table decoration. Our strain is unsurpassed, producing 75 per cent. double flowers.

1707 **Crimson King**—A very fine, rich crimson. Pkt. 15c.

1708 **Pink Beauty**—Beautiful pink flowers. Pkt. 15c.

1709 **White Queen**—Pure white and of largest size. Pkt. 15c.

1710 **Double Crested, mixed**—Pkt. 15c.

Gigantic Flowering Lady Lenox—This is the latest development on this popular Autumn flower, of strong, vigorous growth and bearing gigantic flowers with wide overlapping petals of splendid substance making a perfectly circular flower, borne on very long stems.

1711 **Giant Pink Lady Lenox**—Deep rosy-pink. Pkt. 15c.

1712 **Giant White Lady Lenox**—Pure glistening white. Pkt. 15c.



1712 Lady Lenox Cosmos. White Pkt. 15c.

COWSLIPS

COWSLIP The Old Favorite English Cowslip No. 1714 (*Primula veris*)—This beautiful spring flowering dwarf bears clusters of fragrant flowers of various colors, as yellow-brown, edged yellow, etc. Pkt. 15c

WILD CUCUMBER

WILD CUCUMBER (*Echinocystis Lobata*)—This is the quickest growing climber on our list. Grows wild self-sown, in many parts of the west. Should be sown late in the fall or very early in the spring. It is thickly dotted over with pretty, white fragrant, flowers, followed by an abundance of ornamental and prickly seed pods. For a trellis or pillar no annual vine is more chaste, and it will quickly cover an old tree or unsightly building. The seed of this should be cut and soaked in water before sowing. No. 1713 Oz. 35c., pkt. 10c.

COREOPSIS

COREOPSIS This is one of the finest of hardy perennial plants, with large, showy bright yellow flowers, produced in the greatest abundance from June till frost. As a cut flower they stand, near the head among hardy plants, having long stems and lasting in good condition a week or more. Easily grown from seed, flowering the first year if sown early.

1696 **California Sunbeams**—Finest yellow. Pkt. 15c.

1697 **Lanceolata Grandiflora**—Deep yellow. Pkt. 10c

CYCLAMEN

CYCLAMEN (Alpine Violet)—Charming house plants, with beautiful foliage and rich colored, fragrant flowers; universal favorites for winter and spring blooming. May be successfully raised from seed with a little care and patience.

Giant English-grown Cyclamen Seed

1716 **White, purple eye**. Pkt. 50c. 1716½ **White**. Pkt. 50c.

1717 **Dark red**. Pkt. 50c. 1718 **Rose**. Pkt. 50c.

1719 **Perfection, salmon**. Pkt. 50c.

1720 **Our Giant Prize**—The finest of Cyclamen. A good average plant the first year from seed will bear about 60 flowers during season. Mixed. Pkt. 50c.

1721 **Our Giant Prize—Mixed**. Half-size packet. Pkt. 30c.

1722 **Giganteum—Mixed**. Pkt. 35c.

New Butterfly (Persicum Papilio)—The flowers of this magnificent new strain are of the largest size. The edges of the broad petals are frilled, fringed and curled, and the colors range from purest white through delicate pink to rose and crimson. No. 1723 ½ pkt. 30c, pkt. 50c.

PINKS

ANNUAL DIANTHUS A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. Plant in a sunny location.



1744. Our XXX Double Fringed Mixed Pinks. Pkt. 15c.

DIANTHUS (Pinks)—The Dianthus family furnishes many beautiful and popular flowers. The Chinese and Japanese Pinks are old favorites and, as a class, are more varied in color than Carnations, though lacking their fragrance. Both single and double Pinks are well adapted for bedding and borders, and are also suitable for cutting, as the stems are of good length, and the brilliantly colored flowers contrast vividly with the bright green foliage. Though some are perennials they are usually treated as annuals, as they bloom quickly from seed.

1738 **Snowball**—Large double white, splendid for cutting or as a border. Pkt. 10c.

1739 **Fireball**—Rich, blood-red flowers. Makes a striking contrast to the pure white variety Snowball. Pkt. 10c.

1740 **Chinensis Fl. pl. (China or Indian Pink)**—Blossoms in clusters; flowers very double and in a large range of bright colors. Pkt. 10c.

1741 **Salmon King**—Brilliant salmon rose. Pkt. 15c.

1743 **Imperialis Fl. pl. (Double Imperial Pink)**—Double mixed in a very large range of colors. Pkt. 10c.

1744 **Our XXX Double Fringed**—Magnificent large double flowers, with fringed edges, beautifully striped. Mixed Colors. Pkt. 15c.

1745 **Striped Beauty**—Striped in great variety of colors. Very gay. Pkt. 15c.

SINGLE ANNUAL PINKS All the single sorts have large flowers 2 to 3 inches in diameter; their many and brilliant colors make them very desirable for beds and borders; 1 foot.

1732 **Princess Pinks**—A very novel variety, with fringed flowers, spotted and striped in the greatest diversity of colors. Pkt. 10c.

1736 **Mammoth Flowering**—The flowers measure from 2½ to 3 inches and are of the most brilliant colors. All colors mixed. Pkt. 10c.

SWEET WILLIAM *Dianthus Barbatus* (London Tufts)—A well known perennial, producing a splendid effect, in beds and borders. It is much better to raise plants from seed every season than to divide the old plants.

1749 **Holborn Glory**—This strain is a large flowered selection of the auricula-eyed section, the most beautiful and admired of all. The individual flowers and trusses are of extraordinary size, while the range of color, all showing a clear eye, is truly superb. Pkt. 15c.

1751 **Single**—Mixed, finest colors. Pkt. 10c.

1752 **Our XXX Mixture**—Extra choice. Pkt. 15c.

HARDY GARDEN PINKS Perennial *Dianthus*—These varieties are well adapted for beds and borders; delightful, refreshing, spicy odor; should be in every garden where cut flowers are wanted, and they make a fine edging to a hardy border.

1753 **Single Mixed**—Pkt. 10c.

1754 **Double Hardy Garden Pinks**—Double and semi-double beautifully fringed, saved from the finest collection of Pinks in cultivation. Profuse bloomers and lasting. Most valuable for cutting. Pkt. 15c.

1755 **Double Dwarf Clove Pink**—This strain possesses the spicy clove fragrance of the old-fashioned Pink, and has a much richer variety of coloring. Pkt. 25c.

DRACOCEPHALUM *Moldavicum* (Dragon's Head)—A showy annual producing long blue spikes of quite agreeable fragrance. Fine for bees. No. 1767. Pkt. 10c.

DAHLIAS One of the best late summer and autumn flowering plants, and now enjoying a wide popularity; the double sorts will sometimes bloom the first season if the seed is sown before the beginning of April; the single sorts will bloom from seed sown in the open ground, as late as June, although an earlier start is better. Perennial.

1725 **Double Large-flowering**—Saved from fine show sorts. Pkt. 15c.

1726 **Twentieth Century**—In size the flowers are giants, 4½ to 7 inches across, and in color vary from almost pure white to deep crimson-lake. Seedlings are likely to come somewhat variable. Pkt. 15c.

1727 **Our XXX Burbank Dahlia**—Blossoms first year from seed. The colors are salmon, light and dark crimson, deepest purple to maroon, and almost black, light straw, deepest yellow and a few white, mostly of the Cactus type. Pkt. 20c.

DATURA (Trumpet Flower)—Ornamental annuals with large and showy flowers, making handsome plants, 2 to 3 feet high.

1728 **Cornucopia ("Horn of Plenty")**—A grand variety, the flowers averaging 5 inches across; French white inside, purple outside; delightfully fragrant; started early, will flower from early summer until fall. Pkt. 10c.

1729 **Arborea Simplex (Brugmansia)**—Large single trumpet-shaped, white fragrant flowers, about 12 inches long. Pkt. 25c.

1731 **Pastuosa Huberiana**—Mixed from large double flowers of various colors. Pkt. 10c.

DIGITALIS (Witch's Finger)—The *Digitalis* or Foxglove produces a mass of broad dark green root-leaves from which the handsome flower spikes spring. These 3 ft. long stems are closely studded with drooping bell-shaped flowers, producing a fine bold effect in almost any position. Perennial.

1758 **Gloxinaeflora**—Large, beautifully spotted, mixed. Pkt. 10c.

1759 **Maculata**—Splendid spotted strain, mixed colors. Pkt. 15c.

AFRICAN GOLDEN DAISY 1760 *Dimorphotheca Aurantiaca* (Golden Star of the Veldt)—Rare and very showy annual from South Africa, having daisy-like flowers of a glossy salmon-orange shade with black central ring, a lovely color when flowers open in the sun. Annual. Pkt. 15c.

1761 *Aurantiaca Hybrida*—They vary in color from the purest white to red and blush, white tints, sulphur, lemon, and bright golden yellow, light orange, reddish-yellow changing to pale salmon rose. Pkt. 15c.

DOLICHOS (Hyacinth Bean)—A rapid growing annual climber flowers freely in erect racemes, followed by ornamental seed pods. Sweet-scented.

1762 **Mixed, all colors.** Pkt. 10c.

DRACAENA (Cordylina)—Graceful foliage plant, extensively used for vases and house decoration.

No. 1765. *Australis*. Pkt. 25c.

1766 *Indivisa*—Beautiful ornamental-leaved plants; long, narrow foliage; indispensable for vases and house decorations. Pkt. 15c.

DICTAMNUS Very pretty hardy perennials; the leaves have a pleasant smell like lemon peel when rubbed.

Fraxinella, or Gas Plant—The ordinary purplish pink form, while not showy, is stately and the white variety is really handsome. It has strong, fresh, pleasant lemon perfume, particularly so when you rub the flowers.

1769 *Alba*—White flowers. Pkt. 15c.

DIELYTRA (Bleeding Heart)—A graceful plant with green fine cut foliage and pendulous sprays of pink heart shaped flowers pink tipped white. No. 1775. Pkt. 25c.

HOLBORN GLORY SWEET WILLIAM IS A SPLENDID MIXTURE. No. 1749. Pkt. 15c.

CALIFORNIA POPPY



1812. California Poppy. Pkt. 10c.

EUPHORBIA Strong growing annuals, suitable for beds of tall-growing plants or mixed borders; the flowers are inconspicuous, the foliage, however, is exceedingly ornamental.

1825 **Heterophylla** (Annual Poinsettia, Mexican Fire Plant, Painted Leaf)—An annual resembling in habit and color the beautiful hot-house Poinsettia. The plants grow 2 to 3 feet high, of branching, bush-like form with smooth, glossy-green leaves which, about midsummer, become a beautiful scarlet, presenting a striking and brilliant appearance. Pkt. 15c.

1826 **Variegata** (Snow on the Mountain)—Attractive foliage; veined and margined with white; 2 feet. Pkt. 10c.

EVERLASTING A single packet will supply a great variety of the most attractive Everlasting Flowers. Annual. No. 1831. Pkt. 10c.

FAIRY WALLFLOWER

ERYSIMUM Perofskianum (Fairy Wallflower)—We sent out for trial the past two seasons a number of packets of this annual and have received so many favorable reports that we have concluded to add it to our list. The plants grow about 18 inches high, bearing throughout the summer dense racemes of brilliant orange-yellow. Wallflower-like flowers, a rather unusual color in annuals. It is of the simplest culture. Sow the seed in the open ground in spring and give it a sunny position. No. 1840. Pkt. 10c.

GAILLARDIA

GAILLARDIA (Blanket Flower)—Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom from early summer till November; excellent for beds, borders or for cutting; should be sown where they are to bloom; 1½ feet.

1883 **The Bride**—This new double-flowering, creamy-white sort is particularly desirable for cutting, the flowers being of good size and borne on very long stems. Pkt. 15c.

1886 **Picta Lorenziana Double Perfection Mixed**—Large handsome heads of double quilled flowers in rich shades of red and yellow. Pkt. 10c.

1887 **Picta Mixed**—The largest flowering variety of these popular annuals, very showy, many colors mixed. Pkt. 10c.

GAILLARDIA Hybrida Maxima—These are the choicest of hardy perennials; flowers are large, numerous, excellent for cutting, and of brilliant shades of orange, crimson, scarlet, and vermillion, and very often a combination of all these colors in one flower.

1888 **Grandiflora Superb Mixed**—Our own saving; splendid combinations of crimson and gold in great variety. Pkt. 15c.

1889 **Kelway's Hybrids**—This strain of Gaillardia Hybrids has been obtained from a specialist who has developed a splendid type, covering only the best varieties; the flowers are as large as Sunflowers. Pkt. 25c.

GENTIANA Beautiful hardy border and rock plants, with shades of blue surpassing those found in any other family of plants. Perennial.

1891 **Acaulis**—Large bell-shaped, deep blue flowers; spring blooming. Pkt. 15c.

ESCHSCHOLTZIA (California Poppy)—The State flower of California. A bright tree-flowering plant of low spreading growth with finely cut silvery foliage. The poppy-like flowers in pure shades of yellow, orange and crimson are produced from early spring until frost. Sow the seed where the plants are to remain. Annuals.

1810 **Giant Yellow Tulip Poppy**—A most beautiful flower. Clear bright yellow, crinkled like crushed satin. Will keep in water for two weeks. Pkt. 10c.

1811 **Rose Cardinal**—Charming, producing beautiful large flowers freely, of intense carmine color. Pkt. 10c.

1812 **Californica**—Large, rich yellow flowers, in great profusion. Pkt. 10c.

1813 **Mandarin**—Inner side of the petals rich orange, the outer side brilliant scarlet. Pkt. 10c.

1814 **Special Mixture**—This mixture includes all the varieties here catalogued of the double and single sorts and is the most complete mixture of these charming annuals in existence. Pkt. 10c.

1815 **New Hybrid Mixed**—This mixture has been saved from a number of new sorts of wonderful colorings, including wallflower red, old gold, fire-red, chestnut, cream and many other rich and unusual tones. Pkt. 15c.

ECHINOPS (Globe Thistle)—Handsome, strong-growing plants with thistle like leaves and globe shaped bristly flowers.

1776 **Ritro**—Fine blue flower heads. Perennial. Pkt. 10c.

ECCREMOCARPUS **Scaber** (Calampella)—A rapid-growing tender annual, with pretty foliage and clusters of handsome scarlet flowers. No. 1801. Pkt. 15c.

ERYTHRINA **Crysta Galli** (Coral Plant)—A grand plant for south walls with protection, and for subtropical gardening. Produces in summer, handsome racemes of rich deep scarlet flowers. No. 1802. Pkt. 15c.

ERYNGIUM **Amethystinum** (Sea Holly)—Handsome ornamental hardy plants, growing 2 to 3 feet high, with finely-cut, spiny foliage and beautiful thistle-like heads of amethyst-blue; fine for winter bouquets. Perennial. No. 1817. Pkt. 15c.

EUPATORIUM (Thorough Wort)—Strong-growing, hardy perennials, well suited for naturalizing and deserve a place in every hardy border; they will grow and thrive in almost any situation; will flower the first year if sown early.

1819 **Fraseri**—A very pretty dwarf variety, producing clusters of white flowers; fine for cutting and bouquets. Pkt. 10c.

FERNIS To raise them from seed is very interesting; full directions are printed on the packages. Choice mixture. House. No. 1855. Pkt. 25c.

FRAGARIA Indica (Indian Strawberry)—A yellow-flowering, half-hardy perennial, producing pretty scarlet but tasteless fruit in succession almost during the whole year; a desirable plant for hanging baskets. No. 1856. Pkt. 15c.

FREESIA **Refracta Alba**—Very easily grown bulbs, which can be readily produced from seed. The flowers are pure white with yellow throat and exquisitely fragrant. House. No. 1857. Pkt. 10c.

1858 **New Hybrids Mixed**—This mixture contains various shades of pink, rose, purple, blue, violet, orange, yellow and brown. Pkt. 10c.

FUCHSIAS With us the fuchsias, or Lady's Eardrops, succeed best as pot-plants. In the South they are hardy enough to live out the whole year. During the hot summer months they will do best in partially shaded, cool locations, such as veranda stands or planted in beds in a shady portion of the lawn.

1859 **Single and Double Mixed**—Pkt. 35c.

GAMOLEPIS **Tagetes Pumila**—Half-hardy annual, 1 ft., feathered foliage and dark yellow flowers. No. 1866. Pkt. 10c.



1888. Gaillardia—Grandiflora Mixed. Pkt. 15c.

KELWAY'S HYBRIDS GAILLARDIA IS A FINE PERENNIAL. No. 1889. Pkt. 25c.

GERANIUM

GERANIUM These grow readily from seed the first year and produce blooming plants the first summer. There is a great deal of pleasure in watching them develop from seed, and there is always the chance of thus securing something new.

1892 **Zonale, Mixed**—A superb strain of the largest and finest varieties. Very interesting to grow from seed, which should be started indoors and transferred to the open in May or June. Pkt. 20c.

1893 **Fancy Strain of Zonale Geranium**—The flower-trusses are frequently 4 to 6 inches in diameter, and the individual flowers are very large. Pkt. 25c.

1894 **Apple-Scented**—This favorite has sweet-scented leaves. Small pkt. 35c.

1895 **Fancy Pelargoniums (Lady Washington Geraniums)**—Choice varieties. Pkt. 25c.

GERBERA Jamesonii Hybrids—The flowers bear long graceful petals with small eye. This strain comprises a great variety of pleasing shades. No. 1898. Pkt., 10 seeds 25c.

GEUM (Avens) Atrosanguineum Fl. pl.—Beautiful hardy perennials bearing profusely large, snowy, double crimson flowers all through the summer; an elegant flower for bouquets. No. 1899. Pkt. 10c.

GILIA Mixed—Exceedingly graceful early flowers and valuable for bees. Charming in the flower border and for cutting in spring and summer. No. 1900. Pkt. 10c.

GLAUCIUM Luteum (Horn Poppy)—3 ft. The ornamental glaucous grey foliage of the Horned Poppy is set off by very showy yellow flowers. A fine plant for wild gardens, etc., delighting in poor sandy soil. No. 1906. Pkt. 10c.

GLOBE AMARANTH (Gomphrena)—Popularly known as "Bachelor's Buttons," a first-rate bedding plant, the flowers resemble clover heads and can be dried and used in winter bouquets. Cornflowers and a number of other flowers are also known as Bachelor's Buttons, and in ordering it is well to order by number to prevent mistakes. 1911, Mixed—2 feet. Pkt. 10c.

GLOXINIA (Hybrida Grandiflora)—Bulbous-rooted plants, producing in great profusion during summer months large bell-shaped flowers of the richest and most beautiful variety of brilliant colors. The bulbs must be kept warm and dry during the winter.

1915 **Crassifolia**—With erect flowers. A mixture of the finest spotted and blotched varieties. Pkt. 35c.

GODETIA An attractive hardy annual, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers of satiny texture in many rich and varied colors. They do best in a rather poor soil.

1919 **Lady Satin Rose**—Bright carmine. Pkt. 10c.

1924 **Many Sorts and Colors Mixed**. Pkt. 10c.

GREVILLEA Robusta (Silk Oak)—Very beautiful and graceful foliage, highly valued as a decorative plant for table and tropical lawn effects, tender perennial. 3 to 5 feet. No. 1925. Pkt. 10c.

GYPSOPHILA (Baby's Breath)

GYPSOPHILA (Baby's Breath)—Pretty free-flowering elegant plants, succeeding in any garden soil. Their misty white panicles of blooms are largely used for mixing with other cut flowers.

1929 **Elegans alba grandiflora**—This is an improved large-flowering pure white form of the annual Baby's Breath, of free, easy growth, and grown by the acre in the suburbs of Paris and London for use with other cut flowers. Several sowings should be made during the season to keep up a supply. Pkt. 10c.

1930 **Elegans Delicate Pink**—A pretty blush pink form of the above and equally as valuable for cutting. Pkt. 10c.

1932 **Paniculata**—White flowers, fine for bouquets; one of the favorite hardy perennials; blooms first year if sown early; 2 feet. Pkt. 15c.

1933 **Paniculata Fl. Pl.**—The new double-flowering Baby's Breath, and one of the finest hardy plants either for cutting or the hardy border. Pkt. 25c.

1934 **Muralis**—An annual sort which forms mounds of green 8 to 10 inches high, thickly studded with little pink flowers from early in the season till frost; fine for edging. Pkt. 10c.

ORNAMENTAL GOURDS Rapid growing, interesting annual climbers, with ornamental foliage and singular shaped fruit; 15 to 20 feet.

1943 **African Pipe**—The stem ends of the fruits are much used in making pipes. Pkt. 10c.

1945 **Japanese Nest Egg**—Fruit looks exactly like a hen's egg and may be used as nest eggs. Pkt. 10c.

1946 **Luffa (Dish-rag, Sponge or Bonnet Gourd)**—Pkt. 10c.

1952 **Mixed Varieties**—All kinds. Pkt. 10c.

EVERLASTINGS

HELICHRYSUM (Straw Flower) Monstrosum Fl. Pl.—One of the best of "Everlastings." Exceedingly effective double flowers, making a fine display in beds or borders; they succeed in any rich garden soil; give them plenty of room to develop, planting not closer than 12 inches apart; hardy annuals 2½ feet. We offer the following choice colors.

1976 **Mixed**—All colors. Pkt. 10c.



1980. Heliotrope, New Giant Mixed. Pkt. 20c.

ORNAMENTAL GRASSES

ORNAMENTAL GRASSES The ornamental Grasses serve the double purpose of rendering the mixed flower-bed or border attractive during the summer and for the use of the spikes or panicles in a dried state in winter bouquets. For large beds or groups on lawns nothing gives a finer effect, and they are now largely used in prominent positions in many of the finest public parks, etc.

1953 **Agrostis Nebulosa (Cloud Grass)**—An airy and graceful annual Grass, grows 18 inches high and looks like a line of mist when in bloom. Beautiful to mix with cut flowers. Pkt. 10c.

1954 **Briza Maxima (Quaking Grass)**—In great demand for grass bouquets. Pkt. 10c.

1955 **Colx Lachrymae (Job's Tears)**—Broad, corn-like leaves and hard, shining pearly seeds; annual. Pkt. 10c.

1957 **Eulalia Zebrina (Zebra Grass)**—Light green, barred with creamy white. Variegation runs across foliage. Pkt. 10c.

1959 **Gynerium Argenteum (Pampas Grass)**—White silvery plumes; perennial; blooms the second season. Pkt. 10c.

1961 **Rueppellianum (Purple Fountain Grass)**—Graceful green foliage and purplish plumes, unequalled as an edging to a bed of Cannas or other tall plants; annuals; 3 feet. Pkt. 10c.

1965 **Mixture of Grasses**—Pkt. 10c.

ORANGE SUNFLOWER

HELIOPSIS (Orange Sunflower) Pitcheriana—A desirable hardy herbaceous plant, growing from 3 to 4 feet high, beginning to flower early in the season, and continuing the entire summer. The flowers are of a beautiful deep golden-yellow color, about 2 inches in diameter, of very thick texture and very graceful for cutting. No. 1978. Pkt. 10c.

HELIOTROPE

HELIOTROPE Cherry Pie—A half-hardy perennial, flowering during the whole season; its delightful perfume makes it a most desirable bouquet flower; a splendid bedding plant, or can be trained as a house climber.

1980 **New Giant Mixed**—Of robust growth and producing heads of flowers double the size of the old sorts. Pkt. 20c.

1982 **Regal**—A new variety with immense flower heads of the Giant type, but of dwarf, compact growth; all shades. Pkt. 25c.

1984 **Choice Mixed**—Pkt. 10c.



2013. Hollyhock—XXX Mammoth Double Mixed. Pkt. 20c.

HOLLYHOCK

HOLLYHOCK One of the most majestic of hardy plants, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers, it is without equal. Seed sown any time before midsummer will produce fine plants for flowering next year.

DOUBLE VARIETIES

2013 XXX Mammoth Flowering Mixture—This mixture contains a rich collection of colors, from white to deep black, canary yellow, flesh color, salmon rose, scarlet, cherry, red, purple, etc. Pkt. 20c.

2014 Allegheny—Mammoth flowers, wonderfully formed of loosely arranged fringed petals, which look as if made from the finest China silk. The colors vary from the palest shrimp-pink to deep red. The plants are of strong growth, sending up spikes 6 to 7 feet high. The seed offered under this head has been saved from the finest double flowers only and is sure to produce satisfactory results. Pkt. 15c.

2016 Chater's Double Mixed—Most beautiful varieties. Pkt. 10c.

2017 Chater's Double White—Pkt. 10c.

2018 Chater's Double Bright Pink—Pkt. 10c.

2019 Chater's Double Bright Red—Pkt. 10c.

2020 Chater's Double Yellow Shades—Pkt. 10c.

2021 Newport Pink—Awarded a Certificate of Merit by the Royal Horticultural Society of England, an unusual honor. It is the finest pure pink double variety, exquisite in shade; flowers very double. Pkt. 20c.

SINGLE HOLLYHOCKS

Many prefer the single-flowering Hollyhocks. They are usually of freer growth than the doubles, and present a very handsome appearance when covered with their artistic blossoms. No. 2022. Pkt. 10c.

HEUCHERA—Alum

HEUCHERA Sanguinea Hybrids—The foliage is dwarf and compact, above which rise the numerous graceful panicles of flower-spikes. Colors range from white and pink to rose and crimson. Perennial. No. 2012. Pkt. 15c.

HONESTY Lunaria Rediviva—Hardy biennial, admired for its silvery seed pouches, which are used for house ornaments. 2 feet high. No. 2030. Pkt. 10c.

HOPS—HUMULUS Japanese Variegated—The first color is bright, deep green, distinctly marked and blotched with silvery white, tinged with yellow; now and then a leaf will be almost snow-white, and another one not far away, almost green. No. 2031. Pkt. 15c.

2032 Humulus Japonicus—Green-leaved Japanese hop. Pkt. 15c.

HUMEA Elegans—Red, 3 feet high. A remarkably handsome plant, invaluable for decorative purposes; in the centre of beds it is most effective; half-hardy biennial. No. 2033. Pkt. 25c.

SUNFLOWER

HELIANTHUS (Sunflower)—These comprise plants of majestic growth and immense showy flowers, suitable for shrubberies, woodlands, wild gardens and subtropical gardening; the dwarf kinds, with smaller flowers, are charming when grouped in mixed flower borders. Excellent for cutting. Annual.

2000 Ever-Blooming "Stella"—A constant bloomer, 3 to 4 feet high; flowers 2½ to 3 inches across purest yellow with black disc. Pkt. 10c.

2001 Double Dwarf Nanus, fl. pl.—Dwarf variety, about 2¼ feet high, flowers very double, rich golden yellow, five to seven inches across. Pkt. 10c.

2002 (Globe of Gold) Globulus Fistulosus—Flowers from 12 to 15 inches in diameter, globular and extremely double, most effective of all annual Sunflowers. Pkt. 10c.

2003 Red or Gaillardia—A striking variety, with distinct reddish brown band around the base of the petals. Pkt. 15c.

2004 Cucumerifolius Mixed or Cut and Come Again—Quite a distinct variety. Wonderfully useful for garden display, and especially for cutting. Flowers with lavish profusion. Pkt. 10c.

2005 Silver and Gold Argyrophyllus—4 ft. Handsome silvery foliage, single bright yellow flowers enhanced by a black disc, perfect pyramidal growth. A specimen plant will attain the shape of a Christmas tree, the flowers having the effect of candles. Pkt. 10c.

2006 Double Chrysanthemum-Flowered—An excellent plant for the lawn, shrubberies or any other place where color effect is desired. The plants grow six or seven feet high, and produce a great number of double flowers of various sizes. Pkt. 10c.

2007 Special Mixture of all the single and double sunflowers. Pkt. 10c.

640 Mammoth Russian—As the name implies, of gigantic dimensions, both of flower and stalk. Pkt. 10c.

2008 Perennial Mixed—Contains the finest single-flowering hardy perennial sorts. Seeds sown early will produce flowering plants the first year; as subjects for the hardy border as well as for cutting, they are of great value. Pkt. 20c.

MALLOWS

HIBISCUS (Rose Mallows)—Noble shrub-like plants, with handsome green foliage, and bearing throughout summer large bright flowers, varying from 3 to 5 inches in diameter. They are very hardy, and suitable for garden effect, and indoor use when cut.

1994 Giant Mallow Marvels—The finest giant-flowered varieties, in colors ranging from white to rich crimson. The plants produce their immense showy flowers in great abundance from June until late fall. Height, 4 to 6 feet. Pkt. 10c.

1996 Crimson Eye—Pure white with a large spot of velvety crimson in the center of each flower hardy perennial. Pkt. 10c.

HUNNEMANNIA Fumariæfolia, Bush Eschscholtzia (Yellow Tulip Poppy)—The plants grow into a shrubby bush, 2 feet high, and produce large cup-shaped flowers, 3 inches across on stems 12 inches long. The color is of bright yellow, the petals crinkled, like crushed satin. The flowers keep in water for two weeks. No. 1810. Pkt. 10c.

MESEMBRYANTHEMUM A pretty trailing plant, the leaves of which are covered with crystalline globules; half-hardy annual.

2039 Cordifolium—Large rosy purple flowers, good for hanging baskets heart shaped variegated leaves. Pkt. 25c.

2041 Crystallinum—Ice plant. Pkt. 10c.

IPOMOPSIS (Standing Cypress)—Stems 2 feet high. Remarkably handsome, free flowering, half-hardy biennials for indoors, flowering the second year in different tints of bright orange scarlet.

No. 2044 Elegans Mixed.—Pkt. 10c.

IMPATIENS HYBRIDS

IMPATIENS Charming plants for the decoration of the greenhouse or dinner table, also for bedding out in partial shade, producing bright, waxy-looking flowers profusely and almost continuously. The young seedlings should be carefully handled, as they are exceedingly brittle at the outset.

2042 Holstii Hybrids—Bushy plants about 2 feet high, covered with attractive flowers, throughout the entire summer and fall. In fact, when grown as pot plants, they bloom the year around. Choicest mixed. Pkt. 25c.

INCARVILLEA Delavayi (Hardy Gloxinia)—Deeply cut hairy foliage with stout stalks terminated with 3 to 5 most beautiful pink, gloxinia-like flowers; perennial. No. 2043. Pkt. 25c.

2045 IRIS Kaempferi (Japanese Flowering Flag)—Hardy perennial; very showy; blooms the second year. Mixed colors. Pkt. 15c.

CARDINAL CLIMBER

CARDINAL CLIMBER (Ipomoea Quamoclit Hybrida)—This hybrid Ipomoea is considered one of the most brilliant and distinct annual climbers introduced. A rapid grower, often attaining the height of 30 feet or more. The deeply lacinated, fern-like foliage and fiery cardinal-red flowers are borne in profusion from July to frost. The flowers are about 1½ inches in diameter, and are borne in clusters of five to seven blooms. Seed may be sown indoors, but it is best to wait for warm weather and sow outdoors in a sunny position. Soaking the seeds in warm water before planting hastens germination. No. 2057. Pkt. 15c.

CYPRESS VINE (Ipomoea Quamoclit)—A most beautiful rapid-growing climber with delicate dark green, feathery foliage and many bright, star-shaped, scarlet or white blossoms. Planted by the side of veranda, tree or stakes, and trained properly, there is no handsomer climber. Annual. No. 2058. Mixed.—All colors. Pkt. 10c.

CARDINAL CLIMBER IS ONE OF THE MOST BRILLIANT ANNUAL CLIMBERS. No. 2057. Pkt. 15c.

LARKSPUR—Annual

LARKSPUR Annual—This is one of the best known of garden flowers, and in recent years a vast improvement has been effected by careful selection in size and color of the blossoms and the general habit of the plant. Seeds sown in the open ground before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost, a record that is not surpassed by any other annual. They make handsome beds or lines, and their free, graceful habit and bright colors are very effective when interspersed in the old-fashioned flower or shrubby border. They stand well when cut, and a vase of one or mixed colors is indeed charming.

2072 Dark Blue—Pkt. 10c.

2076 Shell Pink—Pkt. 10c.

2079 Giant Mixed—All colors, very large flowering. Pkt. 10c.

2080 Dwarf Double Rocket—Mixed, Pkt. 10c.

2081 Tall Double Rocket—Mixed colors; 3 feet. Pkt. 10c.

LARKSPUR—Hardy Perennial

LARKSPUR Hardy Perennial—Pillar of Beauty (*D. formosum coelestinum*)—An unusually pretty color—a delicate azure or sky blue, so bright and pretty a shade that it has to be seen to be appreciated. No. 2082. Pkt. 25c.

2083 Belladonna (Everblooming Hardy Larkspur)—Flowers turquoise blue. Pkt. 25c.

2084 Nudicaule—Of dwarf compact growth, producing flowers varying in color from light scarlet to crimson. Pkt. 25c.

2085 Formosum—Two feet high; flowers in large spikes of exquisite blue and white. Pkt. 15c.

2086 Gold Medal Hybrids—This is an extra fine strain of strong vigorous habit, with immense spikes from 2 to 3 feet long of large flowers, mostly in fine shades of light blue. Pkt. 25c., prepaid.

2087 Zall (Hardy Yellow Larkspur)—Sulphur yellow, plant of branching habit, bearing spikes of 40 to 50 blossoms each 1 inch in diameter, flowering from June until August. Pkt. 25c.

2088 Finest Double Mixed—In a great variety of charming colors. Pkt. 10c.

2089 Elatum (Bee Larkspur)—Rich blues of various shades, with black centres; 3 feet. Pkt. 10c.

SUMMER CYPRESS

KOCHIA Summer Cypress (Burning Bush)—A highly ornamental annual of unusually rapid growth, which forms regular pyramids from 2 to 3 feet in height. The leaves are slender and light green until September, when they change to blood-red. The flowers are minute but countless. Makes a splendid summer hedge. Annual. No. 2062. Pkt. 10c.

KUDZU VINE (Jack-in-the-Beanstalk Vine)—This is the fastest-growing hardy climbing plant. It will grow 8 to 10 feet the first year from seed, and after it has become established there seems to be no limit to its growth, 50 feet in a single season being not unusual. A splendid vine for covering permanently verandahs, etc. Perennial climber. No. 2070. Pkt. 15c.

LANTANA Handsome shrubs; produce brilliant rosettes of constantly changing hues. Suitable for pot culture.

2071 Hybrids, Mixed—All Colors. Pkt. 10c.

LAVENDER

LAVENDER *Lavandula Vera*—Well known, sweet-scented, hardy perennials, should be extensively grown in the mixed border; 3 feet. No. 2092. Pkt. 10c.

LAVATERA *Trimestris Grandiflora Rosea* (Annual Mallow)—A very beautiful and showy annual, growing about 2 feet high and covered during the entire summer with large cup-shaped shrimp-pink flowers; in a border or bed the effect is very bright. Sow in May where they are to bloom and thin out to 12 inches apart. No. 2093. Pkt. 10c.

LAYIA Elegans—A pretty and attractive little hardy annual, for cut flower purposes. The rays of the flower heads are bright yellow with white tips. No. 2094. Pkt. 10c.

LIATRIS (Blazing Star, or Gay Feather)—Most showy and attractive hardy perennial plants, with long spikes of purple and rosy purple, flowers from July to September, 3 to 4 feet. No. 2095. Mixed Varieties. Pkt. 15c.

LILY OF THE VALLEY (*Convallaria*)—No flower so easily wins our love and keeps it for ever as the Lily of the Valley—the sweetest and most delicate flower, being perfectly hardy, and each succeeding year rewarding the grower with greater abundance of deliciously fragrant blossoms. Perennial. No. 2096. Pkt. 15c.

LINARIA *Cymbalaria* (Kenilworth Ivy, or Mother of Thousands)—Lavender and purple. A charming, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rock work. No. 2099. Pkt. 15c.

LINUM

Grandiflorum Rubrum (Scarlet Flax)—One of the most effective and showy bedding plants, of long duration, having fine foliage and delicate stems, with brilliant scarlet crimson flowers; hardy annual; 1 ft. No. 2102. Pkt. 10c.

LIMNANTHES *Douglasii*—Easily grown, free flowering, slightly fragrant plants excellent for beds or edgings in damp, shady places; hardy annuals. No. 2103. Pkt. 10c.



2082. Pillar of Beauty Larkspur. Pkt. 25c.

LOBELIA

LOBELIA The following choice varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging-baskets, etc., blooming profusely from June to November.

2104 Trailing Speciosa—Deep sea blue; dark leaved. Pkt. 15c.

2105 *Erinus Grandiflora Stellata*, or *Paxtoniana*—Large blue flowers with white eye. Pkt. 15c.

2106 Sapphire—A beautiful trailing variety; with large flowers color, deep blue with large and clearly defined white eye. Pkt. 25c.

2107 Gracilis—Light blue; light foliage; trailing. Pkt. 15c.

2109 Fine Mixed—Trailing sorts. Pkt. 10c.

Dwarf or Compact Varieties—Little round, compact plants, fine for edgings, ribbon beds, etc., 4 to 6 inches high.

2113 *Prima Donna*—A charming variety of dwarf, compact habit; rich, velvety, crimson maroon flowers. Pkt. 15c.

2114 Duplex—Semi-double, blue. Pkt. 20c.

2115 Blue Gem—Dark blue, white eye. Pkt. 15c.

2116 *Crystal Palace Compacta*—Rich deep blue; dark foliage; the finest dark blue for bedding. Pkt. 15c.

2117 Emperor—Compact variety; sky-blue flowers. Pkt. 20c.

2118 White Gem—Very compact snow-white flowers. Pkt. 15c.

2119 Mixed Compact Varieties—Pkt. 10c.

2122 *Cardinalis* (Cardinal Flower)—Hardy perennial; tall spikes of bright scarlet flowers, very showy. Pkt. 20c.

LOPHOSPERMUM *Scandens*—Exceedingly beautiful and highly ornamental genus of climbers, handsome, showy foxglove-like flowers; half-hardy annual or biennial. Rosy purple flowers. No. 2124. Pkt. 15c.

FLOWERING PEAS

LATHYRUS *Latifolius* (Hardy Flowering Pea)—Very decorative climbing vines of the Pea family, for growing on fences, trellis, etc., as floral screens and for cutting.

2433 Mixed—The above colors. Pkt. 10c.

MUSA ENSETE (Abyssinian Banana)—A handsome tropical plant for planting individually or for the centre of beds; foliage broad and massive and very effective; 10 to 15 feet. Seeds should be started in hotbed or bottom heat in greenhouse. No. 2250. Pkt. of 10 seeds 30c.

GOLD MEDAL HYBRIDS DELPHINIUM—THE VERY BEST. No. 2086. Pkt. 25c.



Lych nis—Chalcedonica.—Pkt. 10c.

2133 Chalcedonica—Bright scarlet flowers. Pkt. 10c.

MALOPE A favorite hardy annual, 3 feet high, with large conspicuous flowers of the Mallow tribe.

2157 Grandiflora—White and rose, mixed. Pkt. 10c.

MARIGOLD The African and French Marigolds are old favorite free-flowering annuals of easy culture; both are extremely effective. The former have uniformly large yellow or orange-colored flowers, and are well adapted for large beds, or mixed borders, the latter are dwarf in growth, with beautifully striped flowers, and better suited for bedding purposes, or for pot culture; they succeed best in a light soil, with full exposure to the sun. A vase or bowl of any of the rich yellow sorts, in combination with a few blue Larkspurs or Cornflowers, is very striking. (See also Calendula and Tagetes).

AFRICAN VARIETIES

2158 Orange Prince—A high-bred type, bearing densely double flowers of a rich deep golden-orange color; very showy. Pkt. 10c.

2159 Pride of the Garden—Immense flower, densely double. Color golden-yellow. A feature of this variety is the compact, dwarf habit of the plant, which forms dense bushes 15 to 18 inches high. Pkt. 10c.

2161 Eldorado, Tall (Double African)—The handsomest of the Marigolds, its colors ranging from palest yellow to the deepest orange; flowers large, almost round, and very double. Pkt. 10c.

2160 Special Mixture Tall Marigolds—Includes the best colors and is made up from separate sorts. Give this a place in your garden if you wish flowers when all others have failed. Pkt. 10c.

FRENCH VARIETIES

2162 Legion of Honor ("Little Brownie")—A single-flowering Marigold, forming compact bushes 9 inches high. Begins flowering early, commencing in June. The flowers are golden-yellow, marked with a large spot of crimson velvet. Pkt. 10c.

2164 Dwarf Gold Striped—Very double, deep, brownish-red, striped golden-yellow; 1 foot. Pkt. 10c.

2163 Dwarf Double French—Fine colors mixed, very double; 1 foot. Pkt. 10c.

2167 Gold Nugget, Double French—Dwarf dense growth, and immense double flowers, which are of a peculiar shade of golden yellow. Pkt. 10c.

2170 Tall Gold Striped Double French—2 feet high, yellow flowers, with a broad stripe. Pkt. 10c.

MIRABILIS (Marvel of Peru or Four O'Clocks)—This is another good old-fashioned flower of bushy habit, bearing hundreds of flowers during the season, of white, yellow, crimson and violet. Some varieties combine two or more of these colors in spots, and splashes in such a manner as to give the flowers a most bizarre effect. No. 2174, Mixed, all sorts and colors. Pkt. 10c.

MARTYNIA Handsome, tropical appearing annuals, for outdoor cultivation during summer, being raised indoors; 2 feet. high, large leaves and trumpet-shaped flowers, producing curiously shaped seed pods, like horns. No. 2175 Formosa—Mixed—Pkt. 10c.

MATRICARIA (Feverfew)—Hardy perennials, flowering the first year, with daisy-like double white flowers, 1 foot high

2176 Capensis, fl. pl. (Bridal Rose)—Double white, daisy-like flowers. Pkt. 10c.

2177 Eximia Nana Aurea Crispa, fl. pl.—Dwarf growing with golden yellow leaves, exquisite for bordering. Pkt. 15c.

LUPINUS (Lupine) Annual

Sorts — Free-flowering easily-grown annuals with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders, beds and for cutting; prefers a little shade; 2 feet.

2130 Annual Mixed—All colors; ,pkt. 10c.

LUPINUS Poly-phyllus—

Effective hardy perennials succeeding in any good garden soil; blooms in May and June; 3 feet.

2131 Mixed—All colors Pkt. 10c.

LYCHNIS Rose Campion

Jerusalem Cross—Handsome hardy perennial plants of easy culture, for massing in beds and borders; blooming the first year if sown early.

MAURANDIA Mixed—Slender grower and abundant bloomer very desirable for greenhouse and garden. Elegant Gloxinia-like flowers which range through white, rose, blue and purple in color. Annual No. 2180. Pkt. 15c.

MIMOSA Pudica (Sensitive Plant)—Curious and interesting pinkish-white flowers; the leaves close and droop when touched or shaken. Half-hardy annual. 18 inches. No. 2183. Pkt. 10c.

MATTHIOLA Bicornis (Evening-scented Stock)—This old-fashioned annual has no beauty to recommend it, the flowers being a dull purplish lilac, but it is well worth growing for the entrancing fragrance which it emits during the evening. No. 2184. Pkt. 10c.

MINA Lobata—A charming Mexican climber which somewhat resembles the Cypress Vine, except in color and shape of flowers, which are tubular-shaped, borne on fork-like racemes. Seed must be sown early. No. 2185. Pkt. 15c.

MIMULUS (Monkey Flower)—Extremely handsome, dwarf growing, half-hardy biennials with delicate, large beautifully tinted flowers, requiring shelter from the midday sun to bring them to perfection.

2186 Cupreus—Spotted and blotched flowers on yellow. Pkt. 15c.

2188 Grandiflora, Mixed—Dwarf bushy plants, with large gloxinia-like flowers ranging in colors through white, pale yellow, golden, flesh, rose, crimson, and maroon, handsomely blotched and striped. Splendid for pot culture. Pkt. 15c.

MUSK PLANT (Mimulus Moschatus)—This fragrant and universally favorite little plant with its yellow flowers, is well known and is equally at home in sitting-room, greenhouse or garden, half-hardy perennial. 9 inches high. No. 2190. Pkt. 15c.

MOMORDICA Very curious climbing vine, with ornamental foliage fruit golden-yellow, warted, and when ripe opens, showing the seed and its brilliant carmine interior, fine for trellises rock work, stumps, etc.; annuals; 10 feet.

2192 Balsamina (Balsam Apple)—Round, apple-shaped fruit with very fine glossy green foliage. Pkt. 10c.

2193 Charantia (Balsam Pear)—Pear-shaped fruit; foliage heavier than the above; the fruits of this variety are used medicinally. Pkt. 10c.

MOONFLOWER Grandiflora Alba (Evening Glory or Good Night)

—One of our most popular annual climbers, and without doubt familiar to most lovers of flowers, very ornamental for verandas, fences, and for covering rockeries. Immense white flowers, fragrant; 25 feet. No. 2196. Pkt. 10c.



2161. Marigold—Eldorado Mixture. Pkt. 10c.

MOONFLOWER PRODUCES IMMENSE FRAGRANT WHITE FLOWERS. No. 2196. Pkt. 10c.

MIGNONETTE

MIGNONETTE (*Reseda*)—A well-known fragrant favorite, and no garden is complete without a bed of Mignonette; sowings made in April and again in July will keep up a succession from early summer until frost; can also be grown in pots for winter and early spring-flowering.

2203 Our XXX Defiance—Grown under favorable conditions and with proper care, spikes will not only be of remarkable size—from 12 to 15 inches—but deliciously fragrant; much more so than any other variety. The individual florets are of immense size; the spikes can be kept three weeks after cutting. Oz. 90c, ½ oz. 50c, pkt. 15c.

2205 Goliath Red—Vigorous grower. Flower spikes of an enormous, unequalled size; intense red color, 12 to 16 inches in length. ½ oz. 50c, pkt. 10c.

2206 Goliath White—One of the largest sorts grown. Spikes 12 to 15 inches long; very full and exceedingly fragrant. Undoubtedly one of the best Mignonettes in existence. ½ oz. 50c, pkt. 10c.

2207 Machet—Plants dwarf and vigorous. Particularly valuable for florists. Deliciously scented red flowers. ½ oz. 50c, pkt. 10c.

2211 Sweet Grandiflora—Very large flowering. ¼ lb. \$1.50, oz. 50c, pkt. 10c.

FORGET-ME-NOTS

MYOSOTIS (*Forget-Me-Not*)—Few spring flowers are more admired than the lovely Forget-Me-Nots, which are especially effective when grown in masses. Perennials and hardy if given slight protection through the winter. Seed may be sown any time from spring till mid-summer. The *Alpestris* varieties and *Dissitiflora* come into bloom in April, and are largely used for bedding or borders in connection with spring-flowering bulbs, Pansies, etc. The *Palustris* sorts do not bloom till May, but continue till fall.

2215 Perfection Grandiflora—Of strong, sturdy growth, about 10 inches high, with good heads of clear Forget-Me-Not blue flowers. Pkt. 25c.

2217 Dark Blue (Azorica)—Flowers half-an-inch across, rich turquoise blue. Pkt. 25c.

2218 Star of Love—The color is a pure Forget-me-not blue, and it can be easily forced as a pot plant, but is also excellent for cutting and for planting in hanging baskets. Pkt. 25c.

2220 Victoria—A favorite sort, with fine heads of large clear azure blue flowers; plants bushy and compact; makes a fine edging or bed. Pkt. 15c.

2221 Palustris Semperflorens—An everblooming variety, beginning to flower in May and continuing till autumn. Large, clear, blue flowers in pretty sprays. Pkt. 20c.

2223 Mixed—A mixture of blue, rose and white-flowered varieties. Pkt. 10c.

NEMESIA (*Strumosa Suttoni*)—A splendid annual, with large flowers, varying in color from creamy white to deep orange and carmine; fine for bedding; 18 inches. No. 2254. Pkt. 15c.

NEMOPHILA (*Love's Glove*)—Of neat, compact habit, blooming freely all summer. If thinned to 4 in. apart the plants will present a dense mass.

2255 Mixed—Blue, white, violet, etc. Pkt. 10c.

ENGLISH PRIMROSE

ENGLISH PRIMROSE *Primula Vulgaris*—The old favorite hardy Yellow Primrose of England. Flowers fragrant, light yellow. No. 2434. Pkt. 15c.

PASSION FLOWER—Elegant climber for either outdoor or greenhouse cultivation, bearing a profusion of exquisitely beautiful flowers. Perennials. Height 10 to 20 feet.

2429 Coerulea—Sky blue. Pkt. 10c.

PERILLA Ornamental, half-hardy annual, deep, dark purplish red foliage, for border or indoors.

2435 Nankinensis—Leaves deep mulberry or purplish black, one foot high. Pkt. 10c.



2220 Myosotis-Victoria. Pkt. 15c.



2203 Mignonette-Defiance
Oz. 90c, ½ oz. 50c, pkt. 15c.

NICOTIANA

NICOTIANA (or Sweet Tobacco Plant)—The following are very ornamental half-hardy annuals and are very desirable.

2256 Collossea—Attains a height of 5 to 6 feet during one summer; immense leaves, at first rose and violet, afterwards changing to deep green with red veins. Pkt. 25c.

2257 Sylvestris—Plants of pyramidal growth, 4 feet high, with fine deep green foliage; pure white, fragrant drooping flowers, borne in loose heads. A most effective plant either used in conjunction with other plants in beds or as single specimens. Pkt. 10c.

2258 Sanderae Hybride—A splendid type in a great variety of colors. Pkt. 10c.

2259 Affinis (*Tuberosa*-flowered Tobacco)—Delightfully sweet-scented, pure white, tubular flowers, blooming continually; annuals; Pkt. 10c.

2260 Grandiflora Purpurea—Large massive foliage, dark purplish-red flowers. Pkt. 10c.

2261 Our XXX Mixture—New splendid Hybrids in blue, red, rose, etc., shades—These magnificent new Hybrids have large flowers in many beautiful colors, and brilliant shades, and possess the same sweet fragrance as the *Affinis*, now so well-known. Pkt. 15c.

NIGELLA

NIGELLA (*Love in a Mist*) No. 2262—Miss Jekyll. A lovely variety, with long stems, and bearing a profusion of beautiful flowers of a clear cornflower blue; excellent for cutting; 18 inches. Pkt. 10c.

2263 Damascena Bulb (*Devil-in-the-Bush*)—Of compact growth with finely cut foliage and curious flowers, blue and white mixed; 1 foot. Pkt. 10c.

NIEREMBERGIA *Gracilis Frutescens*—A half-hardy perennial, slender growing plant, perpetually in bloom, flowering the first year if sown early; desirable for the greenhouse, baskets, vases, or bedding out; 1 ft. White tinted with lilac. No. 2264. Pkt. 10c.

NOLANA Very pretty hardy annual, trailing habit, with Morning Glory-like flowers well adapted to rock work; mixed colors. No. 2320. Pkt. 10c.

OXALIS Delicate low-growing plants with leaves like Shamrock.

2321 Tropaeoloides (*Corniculata*)—Short trailing annual; foliage dark brown; flowers deep yellow. Pkt. 15c.

ONOTHERA (*Evening Primrose*)—Suitable for margins of shrubbery and perennial borders, with large clusters of showy fragrant flowers. No. 2325. Pkt. 10c.

Giant Flowering Nasturtiums

Nasturtiums are among the best known and most popular of hardy annuals, and within the past few years have been greatly improved in size, as well as in colors and markings. Easily grown, and producing a great profusion of brightly colored flowers from within a few weeks after they are sown until they are killed by frost. They succeed in rather light, well-drained soil.

DWARF NASTURTIIUMS

DWARF OR BEDDING NASTURTIIUMS

The Dwarf Nasturtiums are among our most popular plants. They resist heat and drought, grow vigorously and furnish an endless profusion of flowers a few weeks after sown until frost, and are very suitable for bedding purposes. Besides the green-leaved sorts, we are offering mixtures of the ivy-leaved, variegated and golden leaved varieties. Prices, except where noted, $\frac{1}{4}$ lb. 90c, oz. 30c, pkt. 10c.

- 2289 King Theodore—Velvet crimson, dark foliage.
- 2291 Cloth of Gold—Scarlet flowers, golden foliage.
- 2292 Golden King—Finest and richest yellow.
- 2294 Aurora—Deep yellow, veined carmine.
- 2295 Lady Bird—Orange yellow and red spots.
- 2296 Empress of India—Salmon scarlet, dark foliage.
- 2297 King of Tom Thumbs—Bright crimson.
- 2298 Pearl—Creamy white.
- 2307 Ruby King—Crimson rose, distinct foliage.

2290 Our XXX Chameleon Mixture—This strain surpasses any other in richness and variety of colors and is also unique in bearing flowers of quite distinct colorings on one and the same plant. Some clear, deep crimson, others blotched on light ground, others beautifully mottled. $\frac{1}{4}$ lb. \$1.00, oz. 35c. Pkt. 15c.

2299 Dwarf Ivy-Leaved Mixed—This mixture contains a remarkable range of colors. There are colors and color combinations that are not found in any other strain of Nasturtiums.

2300 Gorgeous Mixture of Tom Thumb Nasturtiums—This mixture is composed of choice large flowered varieties, and grown both in mixture and in separate strains, properly blended.

2302 Dwarf Variegated Leaved—The flowers are varied in color from deep scarlet, bright crimson, and light primrose to deep orange shades, while some are spotted and veined, with coppery, bronze tints. Each plant grows in neatly rounded bush and each leaf is showily variegated or marbled with silvery white. All colors mixed.

Ask for free leaflet
—“How to Grow
Nasturtiums.”

CLIMBING NASTURTIIUMS

CLIMBING VARIETIES (Tropaeolum Majus)—

Elegant and luxuriant climbers for verandas, trellises, etc. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seedpods can be gathered while green and tender for pickling 6 to 10 feet. Prices: (unless otherwise quoted) $\frac{1}{4}$ lb. 90c, oz. 30c, pkt. 10c.

- 2268 Black Prince—Velvet-purplish crimson, dark foliage.
- 2270 Giant of Battles—Sulphur-yellow, blotched with red.
- 2271 Chameleon—Produces various colors and markings on the same plant.

2273 Hemisphaericum—Fine, scarlet.

2274 Pearl—Creamy white.

2276 Vesuvius—Brilliant, fiery rose, very effective.

2281 Golden Leaved—Scarlet flowers.

2275 Hybrids of Madame Gunther—Improved strain brightest shades of rose, salmon, brightest red, pale yellow, either as self colors or spotted and striped. Free, continuous bloomers.

2278 Ivy-Leaved Climbing Mixed of Many Colors—This mixture contains almost every color known in the regular types of Nasturtiums.

2279 Choice Mixed—All colors. Lb. \$2.25, $\frac{1}{4}$ lb. 75c, oz. 25c, large pkt. 10c, prepaid.

2280 Variegated Leaved—This Royal Race of Nasturtiums is now offered in most superb mixture. The flowers are of many bright colors. The leaves are so beautifully variegated with white and green that the plants would be worthy of culture for the foliage alone.

2282 Our XXX Climbing Hybrids Mixture—Flowers of extra large size, heavily marbled with deep velvety tints. $\frac{1}{4}$ lb. \$1.00, oz. 35c. Pkt. 15c.

2285 Lobbium, Finest Mixed—This mixture is composed of the finest and most distinct varieties in this grand free flowering type. Planted in masses, it will produce most gorgeous effects. $\frac{1}{4}$ lb. 75c, oz. 25c, pkt. 10c.

2286 California Giant Flowering—The colors and combination of colors in this grand new strain includes various shades of rose, salmon, bright red, pale yellow, spotted, mottled and margined. For covering fences, trellises, arbors, etc., nothing can equal the gorgeous effect produces. $\frac{1}{4}$ lb. 90c, oz. 30c, pkt. 10c.

QUEEN OF THE LOBBS TALL NASTURTIIUM

A very remarkable acquisition of the Lobbium type, with a fine white marbled and veined foliage, which gives an exceedingly pretty appearance to this very popular climber, the flowers contrasting beautifully with the variegated foliage. Prices, $\frac{1}{4}$ lb. 90c, oz. 30c, pkt. 10c.

2310 Queen Wilhelmina—Rich, brilliant scarlet.

2311 Queen Dowager Emma—Deep crimson scarlet.

2312 Queen of Spain—Golden yellow, spotted brown.

2313 Queen Alexandra—Blood red, marbled and mottled.

2314 Queen of the Morning—Aurora-colored shades.

2315 Queen of the North—Sulphur yellow.

2316 Queen of the Lobbs—A mixture of above named varieties.



GIANT PANSIES

One of the loveliest blossoms which greets our eye in early spring. The dainty, velvety, many colored little faces welcome us from the springtime until late fall if properly grown in a shady spot. The higher priced packets will produce larger flowers.

For best results you must start with a good strain. The finest Pansies are, as a rule, shy seeders which accounts for the difference in the price of the various mixtures offered.

"Pansy seed germinates and the plants grow more freely in the cool, early days of spring, and for summer blooming should be sown by the latter part of April, or early May. A soil containing a proportion of leaf mould, enriched with well-decayed cow manure, will be the most satisfactory for the growing of this flower, and it should be well dug and made fine and level.

"Sow the seeds in drills, covering them not more than four times their diameter and pressing the soil well above them. The seeds germinate in from eight to twelve days, and should not be allowed to dry out during this period. Covering the seed beds with newspapers will prevent this and thus hasten somewhat the period of germination.

"As soon as the plants are up and large enough to handle, they should be thinned out or transplanted to stand nine inches apart in the rows. Thorough cultivation should be given from the start, as Pansies will not thrive when obliged to share the beds with a mass of weeds.

"It is a mistake to plant Pansies in the shade of a tree or buildings. An open exposure where the wind has free sweep over the bed is far better and Pansies so planted are free from the long, straggling branches which produce few and inferior flowers. During dry weather the bed should be watered daily, and in extreme cases twice a day for the best results.

"Seeds sown in April or May will produce blooming plants by the last of June, which will give an abundance of flowers throughout the remainder of the season. About the middle of August is the best time for starting Pansy seeds for early spring blooming, as this allows the plants to go into winter in vigorous condition."

MASTODON PANSIES

MASTODON PANSIES These have been carefully re-selected and bred up to their present surpassing excellence, and for giant size, substance, form and coloring, we have never seen Pansies to compare with them. Any sort, pkt. 40c.

- 2358 **Bridesmaid**—A clear, white with shining rose-colored blotch.
- 2359 **Grand Duke**—The finest and largest all-white Pansy.
- 2360 **Improved Meteor**—A beautiful shade of wine red.
- 2361 **Improved Perret**—A splendid type with edges of petals, frilled, bordered white, colors are dark wine, pink and red.
- 2362 **Improved Parisian**—A pure yellow of grand form and size.
- 2363 **Improved Prince Henry**—A splendid blue of immense size.
- 2364 **Bronze Mastodon**—New; very large. All different shades from burnished brass to gold, wonderfully tinged.
- 2365 **Black Mastodon**—Nearly all jet black; a few very dark purple.
- 2366 **Mastodon White**—The finest and largest white. Dark centre.
- 2367 **Panama Pacific**—A huge deep-yellow; some with dark centres.
- 2368 **The Madame**—A genuine royal purple, of fine form.
- 2369 **Mastodon Mixture**—Named varieties and special strains are grown separately and the seed collected by hand and carefully blended into what we believe to be the finest mixture of Pansy ever offered. Pkt. 35c.

PRINCESS PANSIES

2350 Princess A class of Pansy of erect habit, forming a compact, sheaf-like bush. The blooms, which are produced very freely, are of the large blotched and frilled types, and show an extensive range of color. Pkt. 50c.

GIANT BUTTERFLY

2351 Giant Butterfly The flowers are very large, of good form and substance, and produced freely. They are mottled and spotted, streaked, tigered and splashed, while the colors are mainly those rich wine reds, chocolate, velvety-brown, lavender, violet, and purple shades, only found in a pansy blossom. Best Fancy Scotch Seed, mixed colors. Pkt. 50c.

2352 Giant Paris Mixed The flowers of this strain are as large as the Trimardeau, and far superior in color and in substance of petals; the blotches are more conspicuous. Having a stout and stiff flower stem, the flowers last longer. Pkt. 35c.

2353 Giant Bugnot The flowers are of an enormous size, perfectly round, of great substance, and of the most varied and attractive markings and colors. Each petal bears a blotch veined to the edge; contains shades of red, bronze and reddish brown, not found in any other pansy mixture. Pkt. 50c.

GIANT RUFFLED MASTERPIECE

2354 Giant Ruffled Masterpiece The petals, having a rich, velvety substance and being heavily ruffled, give them the effect of a double flower. The colors are mainly dark rich shades, bordered, blotched, or marked in ray-like veinings. Pkt. 50c.

2355 Giant Cassier A mixture of large well-shaped flowers in choice variety, petals marked with large blotches. Pkt. 40c.

PERFECTION

2356 Perfection This variety, now so well known, is without rival it has been greatly improved, containing many new shades of color, beautifully marked. For variety of markings, beauty of form, large size and good substance, splendid satiny texture, they cannot be excelled. Pkt. 40c.



No. 2357. XXX Exhibition Pansy. Pkt. 50c.

EXHIBITION PANSY

2357 Our XXX Exhibition Mixture—This is a mixture of all the giant flowered Pansies, including plain sorts, faced sorts and the new giant ruffled edge and rare varieties. The seed is saved from Exhibition Flowers, and numbers of gold medals have been won in competition by seed which we use in making this mixture. When grown with care, following directions, you will have the most gorgeous flowers imaginable. Pkt. 50c.

GIANT WINTER-BLOOMING

2370 Giant Winter-Blooming—These new Pansies may be announced as an introduction of great importance. Sown at the same time as other Pansies, they begin flowering early in March, that is at a time when very few bedding plants are in bloom. The cardinal feature of these plants is an extreme hardiness, which enables them to withstand quite severe winters and to bloom right on into the summer. They have also an appreciable pleasant perfume. For autumn planting on graves and for very early bedding before the advent of spring, as well as for early cut-flowers, this new giant-blooming earliest class can be warmly recommended. Giant Winter Mixed. Pkt. 25c.

PREMIUM PANSIES

PREMIUM While the giant-flowered Pansies are great favorites on account of the immense size of their flowers, Our Premium Pansies excel in their endless variety of color, combined with perfection of form, and velvety texture and substance of their petals. This strain, most celebrated all over Europe, is from a specialist who has devoted his life to the improvement of these flowers. No better strain of Pansies is to be had. It is impossible to describe them as they embrace all colors and markings.

2385 Improved Large Flowering Premium Mixture—Embracing all varieties named in the following list and many other shades and colors. Pkt. 25c.

GIANT TRIMARDEAU PANSIES

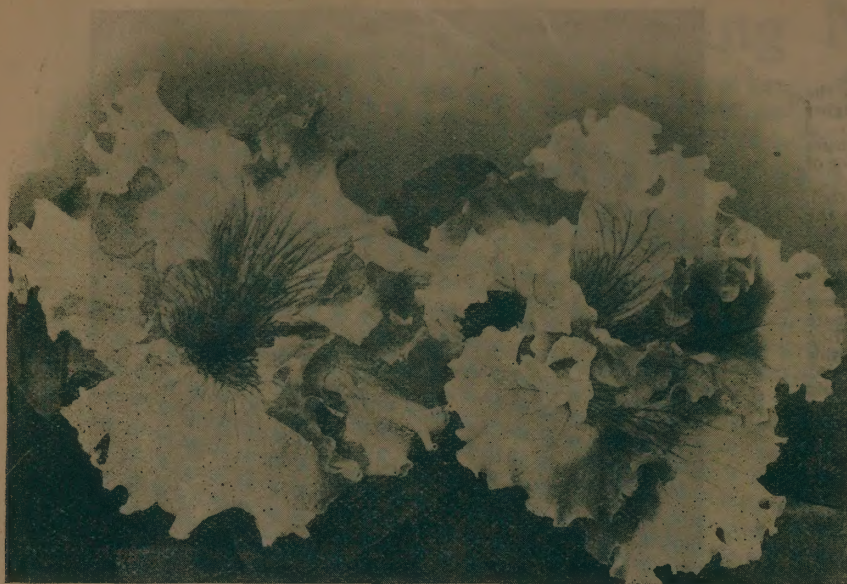
2382 XXX Giant Snow Queen Giant Trimardeau—Most valuable addition, as it reproduces exactly from seed. We very strongly recommend it, not only for bouquets but as a very valuable addition to the Pansy family. White, velvet centre. Pkt. 25c.

2371 XXX Giant Coal Black—Immense jet black flowers, velvety and of special good substance. Pkt. 25c.

2376 Superb Giant Trimardeau—A superior race of luxuriant robust growth and deep-rooting, drought-withstanding qualities; the flowers have also correspondingly improved in size, substance, form and colors. Superb Prize Mixture, pkt. 15c.

2390 Choice Bedding, Mixed—Great diversity of colors; free flowering. ¼ oz. 90c, pkt. 10c.

GIANT BUTTERFLY PANSIES INCLUDE THE BEST FANCY SCOTCH SEED. No. 2351. Pkt. 50c.



2414. Petunias—Our XXX Prize Ruffled Giants. Pkt. 35c.

SINGLE PETUNIAS

SINGLE PETUNIAS We have long been celebrated for our magnificent strains of both the single and double varieties, which we endeavour to improve each year by careful selection and hybridization. We have tested samples received from the leading Petunia specialists of the world, and can safely say without fear of contradiction that our strain is the best that can be secured from any source at any price.

2414 Our XXX Prize Ruffled Giants Mixture—Flowers of extraordinary size and substance, with very deep throat, and distinguished from the large flowering fringed section by the deeper fringing and fluting, giving the appearance as if artificially ruffled. The colors are not surpassed by any other strain, ranging from the deepest plum purple to the purest white, with all the intermediate shades, make the flowers truly superb. Pkt. 35c.

2415 Perfection Extra Large Flowering, Fringed Mixed—This strain bears grand, substantial flowers of the largest size and the colors are indescribably rich and varied. They embrace all colors, from pure white to the darkest blue and deep red. Pkt. 50c.

2416 Giants of California, Mixed—California strain of incomparable beauty, size and luxuriance; flowers are ruffled or fringed on edges; 4 to 5 inches across; all colors, markings, veinings, blotchings, stripings. Pkt. 30c.

2417 Giant Emperor—Very large, wide open blossoms, with colorings and markings very distinct from any other strain. The solid colors are particularly rich and velvety. Some of the crimson blossoms have pink stars, some pure white stars, other are distinctly striped. Pkt. 40c.

2418 White, Large Flowering—Extra choice, white. Pkt. 50c.

2420 Superb Single Fringed, Mixed—Flowers large, beautifully fringed, and include a number of very striking shades. Pkt. 25c.

DOUBLE PETUNIAS

DOUBLE LARGE-FLOWERING PETUNIAS Note—It is well known that seed saved from the most carefully hybridized flowers, produce but a small percentage of double flowers, the balance being single of unusually fine quality. The weaker seedlings should be carefully saved, as these invariably produce the finest double flowers. It is best to sow Petunias indoors and transplant to the open in May.

2396 Double Snowball—New double, white. Pkt. 75c.

2397 Superb Double Fringed, Mixed—We offer the finest strain of Double Fringed Petunia to be found anywhere. Remarkable for brilliancy and variety of color, large size, and beautiful shape; mixed colors. Pkt. 50c.

2398 Large Flowering Double Fringed, Mixed—Unsurpassed for richness and delicacy of tint; various shades. Pkt. 40c.

2399 Our XXX Double Striped and Blotched Mixture—This strain includes all shades, and will produce a very large percentage of beautiful double flowers. Pkt. 35c.

BEDDING PETUNIAS

2403 Inimitable Striped and Blotched—Large handsome flowers, beautifully striped and spotted. Pkt. 15c.

2404 Howard's Star—Dark crimson, with white star. Pkt. 15c.

2405 Snowball—The best pure white bedding Petunia, fine compact sort, blooming until frost. Pkt. 15c.

2406 Rosy Morn—Bright rosy pink, white throat, free flowering, very compact. Pkt. 25c.

2407 Bedding Hybrids—Produces much bloom and used very extensively for borders, beds, rockeries, etc. Mixed. Select bright colors. Pkt. 10c.

PENTSTEMON Very attractive hardy perennial for beds, borders and cut flowers. The flowers are half pendant bell shaped and marked and marbled in beautiful bright shades. They should be planted in a rich, open soil and protected during the winter.

2436 Gloxinoides—Distinct in point of size of flower (individual flowers measuring two inches across) variety and brilliancy of color and profusion of bloom. It has been named because of the resemblance of the individual flowers to Gloxinias in their substance, form and variety of coloring. Sown early they come into flower in July and continue a blaze until frost. Pkt. 25c.

POTENTILLA (Cinquofoil)—Charming plants for the border, with brilliant single or double flowers that are produced in profusion from June to August; succeeds in any soil; 18 inches. Perennial.

2472 Single Mixed—All colors. Pkt. 10c.

2473 Double Mixed—All colors. Pkt. 25c.

PHYSALIS Franchetii (Chinese Lantern Plant)—1½ ft. Flowers yellow with dark centre. Produces balloon like husks, which turn bright red when ripe and resemble Chinese paper lanterns. No. 2475. Pkt. 10c.

POLEMONIUM (Jacob's Ladder)—Ornamental hardy perennials, with sky-blue or white flowers in bunches.

2476 Pulchellum Album White—One foot high. Pkt. 10c.

2477 Cœruleum Grandiflorum Blue—Two feet high. Pkt. 10c.

POLYGONUM (Oriental)—A hardy gracerul, snowy annual, 5 feet high; fit for shrubberies or the centre of borders; rosy crimson, drooping flowers; fine light green heart shaped foliage. No. 2479. Pkt. 10c.

PLATYCODON Mixed—Hardy perennials producing very showy flowers during the whole season. They form large clumps, and are excellent for planting among shrubbery. Blue and white. No. 2441. Pkt. 15c.

PHLOX DRUMMONDII

PHLOX DRUMMONDII The Phloxes are the showiest and most easily raised of all annuals. We know of nothing which produces such a continuous supply of the most attractive flowers in a most wonderful range of colors. All the tints of the rainbow are represented with all possible variations of stripes, veins and eyes of contrasting shades. Seed should be sown in the ground as soon as danger of frost is over and in a few weeks the beds are a blaze of glory. May be grown in beds or borders, boxes or vases and make splendid cutting material as the blooms last long in water.

LARGE-FLOWERING TALL VARIETIES This is the finest type having the largest head, of bloom as well as the largest individual flowers; of strong, sturdy growth, attaining a height of about 15 inches.

2461 Snowball—Pure white. Pkt. 15c.

2462 Brilliant—Finest crimson. Pkt. 15c.

2463 Fireball—Scarlet. Pkt. 15c.

2464 Chamais-Rose—Shell pink. Pkt. 15c.

2465 Rosea—Enchantress-pink. Pkt. 15c.

2466 Isabelliana—Tea-rose-yellow. Pkt. 15c.

2459 Grandiflora—This strain of mixed, large flowering Phlox is noteworthy for variety and brilliancy of colors. Finest mixture. Pkt. 10c.

DWARF PHLOX, ETC.

LARGE-FLOWERING DWARF VARIETIES This type resembles the tall sorts in size of blooms but the plants are dwarf in habit.

2457 Dwarf Mixture (Nana Compacta)—A lovely strain, growing from 6 to 8 inches high, and covered with bright colored flowers. Mixed all colors. Pkt. 20c.

2447 New Giant Flowered—Many of the single flowers are so large that they will nearly cover a 50 cent piece. Distinct types and colors mixed. Pkt. 15c.

2458 XXX Fringed Mixture—Petals are partly fringed and partly three toothed; all bordered with white, the bright eye of the centre picturesquely contrasting with the fine velvety colors. Pkt. 15c.

HARDY PERENNIAL PHLOX (Decussata)—Hardy herbaceous perennial and quite distinct from the varieties of Phlox Drummondii offered above, which are annuals. For best results, should be sown as soon as frost is out of the ground in spring, or as soon as gathered in the autumn. The seed we send out has been saved from our own unrivalled collection, and is supplied in mixture only. No. 2470. Pkt. 20c.

For real helpful information consult "Garden Hints for Amateurs." Your Copy FREE with an order of \$3.00 for Vegetables or Flower Seed.

SUPERB DOUBLE FRINGED PETUNIAS ARE THE FINEST STRAIN. No. 2397. PKT. 50c.

ANNUAL POPPIES

POPPIES *Papaver*—Annual Poppies should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. Sow very thinly, preferably in cloudy weather or after a shower, barely cover the seed, press down firmly, and they will come up in a few days. If they come up too thickly they must be thinned out to stand 3 to 4 inches or more apart if you wish best results. It is well to make several sowings at intervals to keep up a succession of bloom. If picked just before expanding, the flowers will last several days. It is also advisable to pick the old flowers as soon as fallen, which will lengthen the blooming season.

2480 Charles Darwin—Remarkable for the unique color of its large, smooth-edged flowers, being a striking rich dark purple, with a velvety black spot at the base of each petal. A dense wreath of white anthers produce a fine contrast with the extraordinary color of the flower. Pkt. 10c.

2484 English Scarlet—The scarlet field Poppy. Pkt. 10c.

2485 Our XXX King Edward—Of gorgeous coloring, being a deep scarlet, shaded crimson-red, each petal marked with a large black blotch for half its length from the base, against which the yellow anthers stand out in bold relief. Pkt. 15c.

2486 Tulip Poppy (*Papaver Glaucum*)—One of the most brilliant; the flowers are 3 inches across and closely resemble the gorgeous Scarlet Tulip; 2 feet. Pkt. 10c.

2487 Admiral—Of surpassing beauty, having large, smooth-edged flowers of glistening white, with a broad band of brilliant scarlet around the top. These two colors form a striking contrast, and when planted in groups produce a magnificent effect. Pkt. 15c.

2488 Our XXX Select Shirley Mixture—An extra fine strain of these charming Poppies. They are single and occasionally semi-double, and range in color from the purest white through the delicate shades of pale pink, rose and carmine to the deepest crimson and blood red, while many are daintily edged and striped. In fact, so varied are they that scarcely any two flowers are exactly alike. Pkt. 10c.

2489 Shirley Ryburgh Hybrid—A very desirable new strain of poppies obtained by crossing the Shirley and *Ranunculus* varieties. They range in color from white through shades of salmon and pink to scarlet and red. The flowers are double or semi-double and the delicate texture of the tissue like petals gives the flower an exceptionally dainty appearance. Pkt. 15c.

2493 Pæony Flowered—Large, showy, double globular flowers, resembling a double Pæony; mixed colors. Pkt. 10c.

2494 White Swan—Immense double flowers, beautifully fringed and of purest white, of the same dwarf habit as Cardinal and Shell pink. Pkt. 10c.

2495 Double and Single Flowered Mixture—Splendid flowers, mixed colors. Oz. 35c, pkt. 10c.

POLYANTHUS *Primula Elatior*—One of our most popular and earliest flowering, hardy perennials, of low growth, particularly suited for edging border; flowers in astonishing variety of color, in form of Auriculas.

2478 English Gold Laced (Invincible)—The flowers have a clear, even margin or lacing of gold on a ground color similarly well defined; extra choice, mixed. Pkt. 35c.

PYRETHRUM (*Feverfew*)—Handsome herbaceous plants of easy culture. "Aureum" is the well known Golden Feather so much used for carpet bedding, edging, etc. "Hybrids" and varieties are amongst the handsomest of hardy flowering herbaceous plants.

2534 Single Hybrids—Large flowering mixed. Hardy perennial, bearing large Aster shaped flowers, ranging in color from light pink to deep red with bright yellow centres; two feet high. Pkt. 10c.

2535 Double Hybrids—Large flowering. Colors same as single varieties; mixed, 1½ feet high. Pkt. 25c.

Yellow Foliage Sorts for Bedding

2536 Golden Feather (*Aureum*)—Golden yellow, dwarf bedding plant. Pkt. 10c.

RHODANTHE One of the neatest of the genus of flowering half hardy annual everlastings, of low growth, in different shades of bright pink and white, with yellow disc.

2546 White and Pink, Mixed. Pkt. 10c.

ROMNEYA *Coulteri* (*California Tree Poppy*)—5 ft. Flowers all summer. Beautiful snowy white flowers 4-5 in. in diameter and very fragrant; likes a light, loamy soil and warm aspect. Perennial. No. 2555. Pkt. 25c.

CASTOR OIL BEAN *Ricinus* (*Palma Christi*)—Ornamental plant of stately growth and picturesque foliage with brilliant colored fruit, producing sub tropical effect; fine for lawns, massing or centre plants for beds.

2547 Borboniensis Arboreus—15 feet. Immense plants with green foliage. Pkt. 10c.

2548 'Gibsoni'—Dark Purple Stems and leaves, 5 feet. Pkt. 10c.

2549 Our XXX African Giant (*Ricinus Zanzibarensis*)—Surpasses in size and beauty all varieties known. Plants attain great dimensions; gigantic leaves. Oz. 35c, pkt. 15c.

2550 Cambodgensis—The main stem and leaf stalks are shining ebony, leaves large, regularly divided and richly colored. The foliage assumes different shades as the plant increases in size, so that very striking effects may be obtained when planted in groups; 5 feet. Pkt. 10c.

2551 Sanguineus—Blood red stalks and clusters of red fruit; 8 feet. Pkt. 10c.

2552 Mixed—All sorts. Pkt. 10c.

ROSES Dwarf Polyantha or Fairy Rose—Roses from seed the first year. Seed sown in February in the house may be had in bloom in June in the open ground, where they continue to bloom throughout the season. The plants are dwarf and bushy, growing only about one foot high and very pretty for solid beds and borders. No. 2557. Pkt. 15c.



2488. XXX Shirley Mixture. Pkt. 15c.

ICELAND POPPIES (*Papaver Nudicaule*)—While these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts. They are of graceful, neat habit, with bright green fern like foliage, formed in tufts, from which issue slender stalks about 12 inches high, bearing their brilliant flowers in endless profusion; most useful for cutting, for which purpose pick when in bud, and if the seed pods are picked off, continue in flower the entire season. They remain evergreen throughout the winter, coming into bloom early the following spring.

2497 Orange Scarlet—Pkt. 15c.

2498 Bright Yellow—Pkt. 15c.

2499 Finest Mixed—All colors. Pkt. 10c.

2500 New Hybrid Iceland—The latest development in this lovely species, varying in color from sulphur-yellow through different shades of orange to chamois and salmon rose, some of which are very striking. Pkt. 20c.

ORIENTAL POPPIES

ORIENTAL POPPIES Hardy Perennial—Oriental Poppies should be sown in early spring in the open ground as soon as it is fit to work. The plants disappear during July and August, appearing again as soon as the weather gets cool. When this fall growth starts is the time they should be transplanted to their permanent flowering quarters. It is well to mark the places they are planted with a stake to insure the roots against disturbance during their annual resting period.

2501 Oriental Mixed Hybrids—Saved from a large number of named sorts. Pkt. 10c.

2502 Orientale (The Large Oriental Poppy)—A charming summer-flowering hardy plant, producing numerous leafy stems about 2½ feet high, with large deep crimson flowers; having a conspicuous black blotch on each petal, exceedingly showy. Pkt. 15c.

2504 Queen Alexandria—Salmon. Pkt. 25c.

2505 Royal Giant—Scarlet. Pkt. 20c.

PORTULACA

PORTULACA One of the finest hardy annual plants, of easy culture. The flowers are of the richest shades of reds, yellows and whites, and are produced throughout the summer in great profusion; fine for massing in beds, edging or rock work; 6 inches.

2507 Double Flowering—Choice mixture. Pkt. 15c.

2508 Splendens—Single flowering, brilliant colors, Mixed colors. Pkt. 10c.

Our Japanese Primrose (*Primula Obconica Grandiflora Mixture*) is very easy to grow and a Continuous Bloomer—No. 2519, Pkt. 25c.



2520 *Primula*—Perfection XXX Fringed (Mixed) Pkt. 50c.

PRIMULAS

FINE GREENHOUSE VARIETIES

2509 *Malacoides* (The Giant Baby Primrose)—The flowers measure $\frac{1}{2}$ to $\frac{3}{4}$ inch across, and the plants branch very freely. The flowers, of a pretty light lilac, are borne in whorls on stems which are graceful and strong. If grown in a greenhouse, can be had in bloom in four or five months after sowing. A most delightful plant for table decoration. Pkt. 50c.

2511 *Forbesii* (The "Baby" Primrose)—Quite the freest flowering Primula we know of. The plants throw up tiny flower-stalks when only a few weeks old, but we advise pinching them off and the plants kept growing until October. They may then be allowed to flower, which continues until late in the spring in greatest profusion. Pkt. 50c.

2512 *Kewensis*—This new variety is most attractive, with pleasing, bright yellow flowers borne on long stems. It is delightfully fragrant and stands well as a house plant. Pkt. 50c.

JAPANESE PRIMROSE

OBCONICA (Japan Primrose)—Charming flowers, being borne in large trusses and at all times of the year in great profusion. They bloom very quickly from seed, and the large showy blossoms are borne constantly for a year, and when we realize that these flowers are as large as *P. Sinensis*, and almost as varied in color, their great value is at once apparent. Plants very vigorous and easily grown.

2513 *Obconica Grandiflora*—Light blue. Pkt. 50c.

2514 *Obconica Grandiflora*—Pink. Pkt. 50c.

2515 *Obconica Grandiflora*—Scarlet Red. Pkt. 50c.

2516 *Obconica Grandiflora*—White. Pkt. 50c.

2518 *Obconica Gigantea Mixture*—Pkt. 35c.

2519 *Obconica Grandiflora*—Mixture. A lovely, profuse blooming primrose, bearing on long slender stems, about 9 inches in height, beautiful single flowers white shaded with a slight tinge of lilac. Pkt. 25c.

CHINESE PRIMROSE

Chinese Primulas—The charming and beautiful Chinese Fringed Primroses are indispensable for winter or spring decoration in the home or conservatory. They are one of the most important winter blooming pot plants.

2521 *Kermesina Splendens*—Deep pink, fringed. Pkt. 50c.

2522 *Snow Queen*—Finest pure white flowers of large size, thrown well above the foliage. The flowers are of good substance and elegant form. Pkt. 50c.

2523 *Holborn Blue*—A distinct variety, with azure blue flowers borne above the foliage. Pkt. 50c.

2524 *Fern-Leaved* (*Macrophylla Fimbriata*)—With long, massive fern-like foliage and beautiful flowers of great substance and elegant form, finely fringed, mixed. Pkt. 50c.

2525 *William's Prize*—Dark red, large flowering, fringed; extra fine for pots. Pkt. 50c.

2527 *Double Mixed*—Pkt. 75c.

2520 *Our XXX Perfection Fringed Mixture*—This prize winning mixture contains nothing but the finest-fringed large flowering sorts, and cannot fail to give entire satisfaction. Pkt. 50c.

2530 *Stellata*—A very pretty form with large heads of star shaped flowers of various colors; a splendid type for decorative purposes. Pkt. 25c.

RUDBECKIA (Texas Cone Flower)—Somewhat resembling the Sunflower, but differing in the central disc of the single flowers protruding in the form of a cone. A highly ornamental Autumn flowering plant, and much valued for cutting.

2560 *Bicolor Superba*—A hardy annual of compact branching growth, producing flowers about three inches in diameter, of a bright yellow, red and blackish purple disc. Pkt. 10c.

2561 *Superba Semi-plena*—Grows 2 to $2\frac{1}{2}$ feet high, semi-double golden yellow flowers. Pkt. 10c.

2562 *Fulgida Variabilis*—Perennial, profuse bloomer, mixture of types and colors. Pkt. 10c.

SANVITALIA *Procumbens*, fl. pl.—Beautiful trailing annual, well adapted from its compact growth for covering beds in the flower garden; the double flowers are large in proportion to the plant; of rich brown and yellow. No. 2593. Pkt. 15c.

SAPONARIA (Bouncing Bet) *Caucasica flore pleno*, Double Flowering.—A hardy perennial sort with white tinted rose, double flowers, produced all summer and fall; 15 inches. No. 2597. Pkt. 10c.

SAPONARIA *Vaccaria*—A pretty and useful annual variety, grows about 2 feet high, and bears masses of satiny pink flowers somewhat like an enlarged *Gypsophila*; charming for cutting, adding grace to any arrangement of flowers. Several sowings should be made to keep up a succession of bloom. No. 2598. Pkt. 10c.

SAXIFRAGA—Perennial sorts, mixed. No. 2596. Pkt. 15c.

SCHIZANTHUS *Wisetonensis* (Poor Man's Orchid)—Neat, pyramidal bushes covered with a multitude of small butterfly-like flowers of the most brilliant and striking color designs. $1\frac{1}{2}$ ft. A charming annual with graceful fern-like foliage and a profusion of flowers varying from almost white with yellow eye to a brilliant rose with bronzy brown centre. A really beautiful subject for the flower border from seed raised in February, and for winter decoration in greenhouse from seed raised in May and June. No. 2626. Pkt. 25c.

SEDUM (Stone Crop)—Pretty little plants, growing freely on rock or rustic work also on ornamental mounds, where they flower in great profusion; hardy annuals. Mixed. No. 2627. Pkt. 15c.

STATICE *Bonduelli* (Sea Lavender)—Splendid hardy perennials, either for the border or rockery, producing all summer panicles of minute flowers, which can be dried and used for winter bouquets. 1 ft., bright yellow. No. 2628. Pkt. 10c.

STEVIA *Serrata*—Free blooming plants, bearing a multitude of fragrant pure white flowers; suitable for summer or winter blooming; largely used for cutting. No. 2629. Pkt. 10c.

SENECIO *Elegans* (*Jacobaea*)—Double mixed. Valuable hardy annuals, compact, bushy in growth, one foot high; adapted for bedding or indoor culture. No. 2630. Pkt. 15c.

SWAINSONIA *Grandiflora Alba*—Few plants equal this in beauty and general good qualities. It has a most beautiful fern-like foliage and blooms perpetually every day in the year, its blossoms being the shape and nearly the size of Sweet Peas, and borne in great clusters of twenty to forty. These clusters appear at the axils of the leaves, and a single branch shows many clusters of bloom at all times. The plant is a free and rapid grower, beginning to bloom in three or four weeks from cuttings, and continuing for years. It is easier to grow and manage than a *Geranium*. Mixed colors. No. 2631. Pkt. 25c.



2518 *Primrose*—Giant Japanese. Pkt. 35c.

PERFECTION XXX FRINGED PRIMULA IS AN EXCELLENT HOUSE PLANT. No. 2520. Pkt. 50c.

SALPIGLOSSIS

VELVET TRUMPET

SALPIGLOSSIS (Painted Tongue)—The Salpiglossis is one of the greatest favorites among annuals, partly because of its easy culture, but principally for its beautiful, almost orchid-like flowers, which it produces from early summer until late fall. Seed should be sown early in spring in a hotbed or window and transplanted when weather is settled or directly out of doors after danger of frost. The seed we offer is a select large flowering strain.

2583 XXX Giant Mixture—Enormous blossoms, possessing the most varied, brilliant and fantastic markings imaginable. Very fine. Pkt. 15c.

2584 Emperor (Mixed)—This orchid-flowering strain branches freely from the main stem, forming fine, spreading plants, flowering freely from all branches, making it invaluable for cutting. Pkt. 10c.

SALVIA Scarlet Sage

SALVIA SPLENDENS (Scarlet Sage)—The Salvia Splendens is a standard bedding plant that keeps the garden bright with color until late in autumn. This plant lends itself to many uses; it makes a good plant, does well in window boxes, and is useful for cutting. Its best use, however, is as a hedge or border plant, for brilliant color effect. (Best results are obtained by starting in a hot-bed.)

2586 Zurich—A splendid dwarf variety, growing about 2 feet high, and is especially valuable on account of being the earliest to bloom, flowering ten days in advance of any other sort. Pkt. 25c.

2588 Bonfire—Grows into very compact oval bushes, about 2½ feet high, and produces long spikes of brilliant scarlet flowers. Gorgeous effects can be produced with the Bonfire Salvia massed on the lawn or in the garden, or planted in rows along a sunny drive, where the brilliant scarlet simply dazzling. Pkt. 15c.

2591 Our XXX Dwarf Fire Ball—Of the many sorts of Dwarf Salvia, this splendid novelty undoubtedly is the finest of all. It has larger flowers and is also more free flowering than any other kind. The bushy plant, 20 in. high, is covered with long, broad flower spikes, with a great number of flowers of the most fiery scarlet. Pkt. 20c.



No. 2583
Velvet Trumpet
Our XXX
Giant Mixture
Pkt. 15c.

SCABIOSA

SCABIOSA (Mourning Bride)—2½ feet. Commonly known as the Pincushion Plant. The flower stems are long and the blossoms keep well in water. The soft shades predominate. When given plenty of room and the seed vessels are kept regularly picked off it will last through the whole of the summer. Owing to its sweetness the bees are very fond of it and its floral flavors also attract all the most beautiful types of butterflies to the neighborhood.

2619 Our XXX Leviathan Mixture—Many new colors have been purchased for this, our latest special mixture and we are sure the delicate and soft colors will be admired by all our friends who plant this seed. Pkt. 15c.

2620 Dwarf Mixed—All colors, 1 foot high, large flowers and robust in growth. Pkt. 10c.

2622 Caucasica—One of the handsomest of hardy perennials, valuable for cutting, the blooms lasting a long time in water, lilac blue, 3 feet. Pkt. 25c.

SMILAX 2632 *Myrsiphyllum Asparagoides*—In many respects the Smilax is the most useful, and it is certainly one of the most graceful climbers which adorns the greenhouse or conservatory; for bouquets and flora decoration it is indispensable. ¼ oz. 25c, pkt. 10c.

CORNFLOWER ASTER

STOKESIA A rare and beautiful hardy perennial. The plant grows about 24 inches high, bearing from 20 to 30 handsome cornflower-like blossoms in bloom from July till frost. Mixed colors. No. 2765. Pkt. 15c.

SWEET ROCKET

Hesperis—Old-fashioned garden plant; also known as Dame's Rocket and Dame's Violet; grows from 2 to 3 feet high and bears spikes of snowy white, lilac and purple fragrant flowers. Excellent for planting in permanent border: mixed colors. No. 2770. Pkt. 10c.

SCARLET RUNNER BEANS A great favorite in England, not only as an ornamental climber, but for delicious edible beans which succeed the bright scarlet sprays of pea-shaped blossoms. No. 45. Per lb. 75c, pkt. 10c.

TRUE IRISH SHAMROCK *Trifolium Minum*—Dainty little house plants; may be had from seed; require a rich, light soil and plenty of moisture. Partial shade is best suited for this novelty. No. 2633. Pkt. 20c.

SOIANUM *Capsicastrum (Jerusalem Cherry)*—This is a very useful pot plant for winter decoration. It is of dwarf, branching habit, leaves small and oval shaped, bearing in the greatest profusion bright scarlet berries. Very ornamental; 1 foot. No. 2634. Pkt. 10c.

SILENE Elegant dwarf bushy annuals, bearing a profusion of bright, attractive flowers, through spring and summer. Admirable for beds, borders and rock work.

2635 Pendula Ruberima—Carmine rose flowers. Pkt. 10c.

TAGETES *Signata Pumila*—A dwarf, compact, bushy annual Marigold, with beautiful, delicate, fern-like leaves, densely covered with flowers of bright golden yellow; a first-class border plant. No. 2775. Pkt. 10c.



No. 2626
Butterfly Flower
Pkt. 25c.

SPENCER SWEET PEAS

Giant Waved Orchid-Flowered Sweet Peas

The introduction of this type has created new interest, and added to the popularity of Sweet Peas. They are quite distinct from the standard sorts, having large, round, open flowers of extraordinary size, usually measuring two inches across, with wavy standards and wide-spreading wings, a very large percentage bearing four of these immense blossoms to the stem, which is long and strong, making them of exceptional value for cutting.

Culture—The soil for Sweet Peas should be rich and deep. A good rich loam, with plenty of well-rotted manure in it, is the ideal soil for raising good plants that will produce plenty of large blooms. They should be in a position fully exposed to the sunlight and air on both sides of the row.

Much depends upon the state of the weather as to when the seed may be sown out of doors; but they should be sown as early in the season as the ground can be worked, which is usually during April. It is best to make a trench or furrow about 6 inches deep in the bottom of which sow the seed. Cover with about an inch of soil, pressing it down firmly. When they are above ground thin out to 2 to 4 inches apart; when planted too close they do not attain their full development. They should be supported with stakes on which wire netting has been fastened. These should be at least 4 feet high, and 5 feet would be better.

During dry weather they should be watered thoroughly and frequently. The flowers should be cut as often as possible, to prevent the plants from running to seed, which would stop them from continuing in bloom.

White-seeded sorts should not be sown until the ground is comparatively dry and warm. If sown under cold, wet conditions, the seed is liable to rot. With few exceptions, Sweet Peas are black-seeded, and these do not appear to be affected like the white seeded.

The insects troubling the Sweet Peas are the **Red Spider** and the **Green Aphis**, or "Pea Louse." The former is a minute insect working on the under side of the leaves, sucking the juices and turning them to a dull grayish color. A fine mist-like spray applied with considerable force is the best preventative, using clear cold water or soap-suds. The **Green Aphis** feeds on the ends of the young shoots, sucking the sap or juice from the stems and, if not taken in time, multiplies so rapidly that they soon destroy all the young growths. They can be killed by spraying with suds of Whale-oil or Sulpho Tobacco soaps; or, during dry weather, they can be brushed from the vines and destroyed by raking them into the soil.

Prices (except where otherwise noted): $\frac{1}{4}$ lb. \$3.00, oz. 90c, pkt. 15c.



2670. Our XXX Giant Spencer Mixture
 $\frac{1}{4}$ lb. \$1.35, oz. 45c, pkt. 15c, postpaid

2636 **Barbara (Salmon)**—A superb salmon-colored self that makes a telling bunch either for exhibition or table decoration. Requires shading against strong sun.

2637 **Countess Spencer**—Bright clear pink, sometimes darker towards the edges; very large, open form; long stems. The first variety introduced of the Spencer type and still considered one of the best.

2638 **Sunproof Crimson**—The best of all the crimsons; color rich crimson scarlet.

2639 **Irish Belle or Dream**—A lovely rich lilac, flushed with pink.

2640 **Lord Nelson**—Navy blue.

2641 **Miriam Beaver**—A leading light cream pink sweet pea. Flowers exceptionally large and wavy with the standard often duplexed or doubled.

2642 **Blue Picotee Spencer**—A grand flower, white margined with blue. Produces flowers of good size profusely and well placed.

2643 **Fiery Cross**—Fiery Cross has all the appearance of live fire and is an entirely new shade in Sweet Peas. The beautifully waved and fluted flowers are borne freely in threes and fours on long, stout stems.

2644 **Hercules**—Giant; pale rosy pink; of extraordinary size and substance.

2645 **Loveliness**—The entire flower being suffused soft pink until it reaches the edges, which are distinctly picoteed with rose pink. A flower of immense size and great substance, beautifully waved and usually produces three or four on the longest stout stems.

2646 **Margaret Madison**—A self colored soft light azure blue or pale lavender Spencer. The form and coloring when grown under favorable conditions are exquisite.

2647 **Mrs. Hugh Dickson (Apricot)**—A rich pinkish apricot on a cream ground, shading off rather lighter toward the centre of the flower.

2648 **R. F. Felton**—The color is a soft, pleasing shade of lavender suffused rose; wings French gray. The giant flowers are exquisitely waved.

2649 **Rosabelle (Rose)**—A very fine, large, rose-colored flower; giant size; producing an abundance of sprays of fours.

2650 **Stirling Stent (Orange)**—The color is the nearest approach to orange that we have in Sweet Peas, or it might be termed salmon-orange.

2651 **Mrs. Routzahn**—Buff or Apricot ground, flushed and suffused with delicate pink deepening toward the edges. The flowers are of the largest size—thoroughly crimped and waved.

2652 **Agricola**—White ground flushed with palest pink heliotrope, with edge of dark heliotrope or plum color; a fine exhibition flower.

2653 **Asta Ohn**—(Lavender).

2654 **George Herbert (Rose Crimson)**—Rosy magenta, wings of deeper carmine.

2655 **King Edward Spencer (Scarlet)**—Deep rich carmine scarlet. The wings are also carmine scarlet, and on reverse side deep rosy carmine.

2656 **Orchid**—The flowers suggest the rich tone of Lavender found only in the *Catleya* orchids; they are of extra large size, always borne three and four on long, stiff stems.

2657 **Primrose**—The waved standard measures two inches across; the color is a clear primrose.

2658 **Warrior (Maroon)**—The color is rich, reddish maroon, flushed with bronze. Lovers of dark shades will appreciate this fine color.

2659 **Wedgewood Blue**—A beautiful bright silvery blue and a leader in its class. Free blooming and of strong growth.

2660 **Vermillion Brilliant**—The most brilliant scarlet Spencer. Very free flowering, three or four artistically placed flowers to the stem.

2661 **Fordhook Rose**—This lovely variety is a charming shade of rosy carmine. The flowers are of largest size and usually borne in threes and fours on long stiff stems.

2662 **Dainty Spencer**—White suffused and edged with rose pink; large Spencer form; picotee edged; very free blooming.

2663 **Thomas Stevenson, Imp.**—Intense flaming orange scarlet standard with wings of rosy carmine shaded orange. A Magnificent variety.

2664 **Illuminator**—A ground color of salmony orange, overlaid with bright cerise pink.

2665 **King White**—Immense blooms of purest white, faultlessly frilled or waved.

2666 **Margaret Atlee**—Flowers very large, exquisitely waved, of a glowing shade of pink on a cream ground suffused with salmon.

2667 **Elfrida Pearson**—Flowers very large. Color light pink on white ground, beautifully edged and shaded.

2668 **Royal Purple**—A rich royal purple.

2670 **Our XXX Giant Spencer Mixture**—Truly superb mixture of the fifty or more varieties of the Spencer type of Sweet Peas originated up to date. All are giants of striking beauty and delicacy of coloring, perfect in shape and vigor of growth. No other house can supply so grand a mixture. Lb. \$4.00, $\frac{1}{4}$ lb. \$1.35, oz. 45c, pkt. 15c.

2669 **Spencer Choice Mixed**—A choice mixture of this magnificent class—many of the recent introductions are included. Lb. \$3.50, $\frac{1}{4}$ lb. \$1.25, oz. 40c, pkt. 10c.

NEW EARLY FLOWERING SPENCER SWEET PEAS

A comparatively new class of Sweet Peas that is rapidly becoming prominent for winter flowering indoors. The flowers are large, of the same form as the Spencers and are beautifully waved or frilled. They remain in bloom for a much longer time than the Early Flowering Grandiflora sorts. When planted out of doors they will commence blooming a month or more earlier than the later flowering varieties planted at the same time. Price: $\frac{1}{4}$ lb. \$5.00, oz. \$1.50, pkt. 25c.

2671 Early Heather Belle—The color is a rich and pleasing mauve, changing to a beautiful mauve lavender after cutting. Flowers are very large, borne in threes and fours on long stout stems and are of beautiful bold Spencer form.

2672 Early Lavender King—This glorious new variety is a rich, true, deep lavender throughout. The flowers are of large size, beautifully true waved form, and borne in threes and fours on stems of great length.

2673 Early Melody—Rose pink on white ground, resembling Countess Spencer in color. Productive and flowers of excellent form.

2674 Early Morning Star—Deep orange scarlet standard with rich orange pink wings. Flowers large, of the best Spencer form and are borne in threes and fours in wonderful profusion.

2675 Mrs. A. A. Skaach—Early, clear, pink.

2676 Primrose Beauty—A pleasing shade of deep primrose, flushed with rose. Grown under glass, this variety attains a height of only five to six feet.

2678 Early Song Bird—An excellent pale pink variety which is very desirable for cutting. The flowers are borne on long stems with mostly four large well waved blossoms to each stem.

2679 Early Spring Maid—A bright pink on cream ground, A most attractive variety and furnished a wealth of blossoms borne in threes and fours on long stems.

2680 Wedgewood—Lovely clear blue and more of a true self, especially as the flower ages. The flowers are of good form and are carried on long stems.



2672. Early Lavender King. Pkt. 25c.



2674. Early Morning Star. Pkt. 25c.

2681 White Orchid—Early, pure white.

2682 Yarrawa—One of the most desirable of the Early Flowering Spencers. Color of bright rose pink with a clear creamy base, the wings being slightly lighter in color. Flowers large, beautifully waved and many of them duplex or double.

2683 Early Flowering Spencers Mixed—A choice mixture of the foregoing named Early Flowering Spencer varieties.

$\frac{1}{4}$ lb. \$5.00, oz. \$1.50, pkt. 25c.

GRANDIFLORA SWEET PEAS MIXED

2713 Giant Grandiflora Mixed—This mixture is made up by ourselves from all the finest new sorts, including Spencers, and will give the most satisfactory results.

Lb. \$2.75, $\frac{1}{4}$ lb. 90c, oz. 30c, pkt. 10c.

GRANDIFLORA SWEET PEAS

Prices of named sorts; per lb. \$3.00, $\frac{1}{4}$ lb. \$1.00, oz. 35c, pkt. 10c.

2703 Dorothy Eckford—Largest and best white.

2704 Lady Hamilton—Light lavender.

2705 King Edward VII—Bright crimson; giant flowers.

2708 Lord Nelson or Brilliant Blue—Very dark navy blue.

2710 Hon. Mrs. E. Kenyon—Fine large, clear primrose.

2711 Lovely—Beautiful soft shade of pink.

2714 Eckford's Mixed—Lb. \$2.10, $\frac{1}{4}$ lb. 75c, oz. 25c, pkt. 10c.

2715 Fine Mixed—Lb. \$1.75, $\frac{1}{4}$ lb. 60c, oz. 20c, pkt. 10c.

EARLY FLOWERING SWEET PEAS—Where the season is short and backward or where flowers are required very early, this specially attractive strain is just what is wanted.

Prices: Lb. \$3.00, $\frac{1}{4}$ lb. \$1.00, oz. 35c, pkt. 10c, prepaid.

2696 Mrs. Chas. H. Totty—Flowers of beautiful sky-blue.

2698 Mrs. F. J. Dolansky—Produces self-colored flowers of a bright pure pink.

2699 Mont Blanc—Extremely early; a pure white.

Mixed Colors—This mixture is made up by ourselves from the best named varieties. Lb. \$2.75, $\frac{1}{4}$ lb. 90c, oz. 30c, pkt. 10c.

NEW EARLY FLOWERING SPENCERS RECOMMENDED WHERE SEASON IS SHORT. VERY FINE. No. 2683. Pkt. 25c.

10-WEEK STOCKS

CUT-AND-COME-AGAIN 10-WEEK STOCKS Sown in March or April they begin

flowering in July, continuing till frost, and are especially valuable during September and October, when other flowers are scarce; they throw out numerous side branches, all bearing very double, fragrant flowers.

2744 Cut and Come Again or Princess Alice—The well-known, profuse and perpetual-blooming double white variety; very fragrant. Pkt. 15c.

2745 Finest Mixed—All colors. Pkt. 15c.

Giant Emperor, or Perpetual—These make very bushy and branching plants, with an abundance of flowers. Sow in July or August and they will bloom in winter.

2749 Giant Emperor White—For florist's use; very fine. Pkt. 25c.

2750 Special Mixture of Stocks—Contains all the above and many others not catalogued. Pkt. 25c.

Mammoth Column Ten Week's Stock—A superb variety producing grand central spike of beautiful flowers, the plant afterwards branching. Potted up, will bloom splendidly under glass in winter.

2755 Pillar of Snow—White. Pkt. 25c.

2756 Blood Red (Gloria)—Most effective, producing one spike with fine flowers. Pkt. 25c.

2758 Colossal Mixture—Splendid race; pyramidal growth, large double flowers. 2½ feet. Pkt. 10c.

VIOLA—CORNUTA The plants are hardy and vigorous, compact growth. They are excellent for bedding purposes. In light, rich soil and a moist situation they will continue to bloom from spring to late in the fall. The colors are charming, white, lemon, orange, lavender purple, etc.

2799 New Hybrids—Three to five blotched Hybrids, rich in colors. Pkt. 20c.

VALERIANA Rubra, Mixed—Showy, hardy border plants; producing large corymbs of red or white flowers; fine for bouquets; mixed; 2 feet. No. 2790. Pkt. 10c.

VENUS' LOOKING GLASS (*Campanula Speculum*)—A free flowering, pretty little plant, adapted for beds or rock work, ribbons or edgings. The plants form a small spreading mass about nine inches high; blue. No. 2855. Pkt. 10c.

VISCARIA Very free-blooming annuals, closely allied to the *Lychnis*, they form compact plants about a foot high, and are covered from early summer till fall with their bright flowers, shaped somewhat like a single Pink, borne on long slender stems; it is best to sow them where they are to bloom, thinning out to prevent overcrowding.

2860 Mixed—Containing about six different colors, some with dark eyes. Pkt. 10c.

THUNBERGIA Alata (Black Eyed Susan)—Beautiful trailing plant for baskets and lawn vases. May also be trailed to climb. Annual. All colors mixed. No. 2780. Pkt. 10c.

TORENIA Annual, a splendid plant for vases, hanging baskets, greenhouse or for growing out of doors.

2782 Fournieri—Large sky-blue flowers, with spots of dark blue, and bright yellow centre. Pkt. 20c.

TRITOMA Hybrida The Marvellous Red-Hot Poker, Flame Flower or Torch Lily—Flower stems rise to a height of about 3 feet; the spikes 4½ to 6 inches long, thickly set with tubular flowers, ranging in color from citron-yellow to rich orange-scarlet. While hardy in many sections, with slight protection it is best to lift the roots and store in sand in a cool place over winter. Perennial. No. 2783. Pkt. 15c.

TROLLIUS Caucasicus—Orange Globe—Hardy perennial plant, producing in June and July large flowers of rich orange color, resembling high double Buttercups; height, 2 ft. No. 2784. Pkt. 25c.

TUNICA Saxifraga—A neat, tufted hardy perennial plant growing but a few inches high, and bearing throughout the entire season numerous elegant pink flowers. Will thrive anywhere, but is especially adapted for rockery or margin of hardy border; blooms the first season. No. 2785. Pkt. 10c.

MAMMOTH VERBENAS

MAMMOTH VERBENAS This fine strain of Verbenas is the very best procurable. The trusses and individual

flowers are of the largest size, of brilliant colors, free-blooming and of vigorous habit. For best and quickest results seeds should be sown early in the house or hot-bed, and transplanted to flowering quarters in May. If sown outdoors in May, it blooms from the end of July on. Verbenas are better grown from seed than from cutting.

2835 Mammoth Blue—Pkt. 15c.

2836 Mammoth Pink—Pkt. 15c. 2838 Mammoth White—Pkt. 15c.

2840 Mammoth Defiance—True, brightest scarlet. Pkt. 15c.

2841 Our XXX Mammoth Mixture—Superb class; enormous flowers; seed saved from finest blooms; rich colors. Pkt. 15c.

1290 Lemon Scented (*Aloysia Citriodora*)—Pkt. 15c.

2846 Erinoides (Moss Verbena)—For beds, baskets or rockeries it is highly desirable. Pkt. 20c.

2845 Venosa (Hardy Garden Verbena)—Largely used for bedding purposes. Bright purplish-heliotrope flowers. Pkt. 10c.

2844 Hybrida (Finest Mixed)—Pkt. 10c.



2741. Our XXX Globe Stocks, mixed. Pkt. 20c.

MAMMOTH-FLOWERING BEAUTY STOCKS

A magnificent strain of early mammoth flowering Stocks, forming much-branched plants about 2 feet high and having numerous spikes of very large double, delightfully fragrant flowers: they are of special value as pot plants and for cutting during the dull winter months; for this purpose seed should be sown from July to September; if sown in March will bloom out of doors from mid-summer till frost.

This is the leading class for bedding out for summer blooming, coming into flower quicker than the other types. Price: any variety, except where noted. Pkt. 15c.

2730 Abundance—Large carmine rose.

2732 Beauty of Nice—Delicate shade of flesh pink; fashionable color, early flowering; several very large spikes of bloom.

2733 Crimson King—Rich blood crimson.

2734 Mont Blanc—Improved pure white.

2735 Rose of Nice—Beautiful rose mauve, a quite distinct and attractive shade.

2736 Summer Night—Rich deep violet blue.

2739 Choicest Mixed—All colors. Pkt. 10c.

2741 Our XXX Large Flowering Globe Stocks—Immense spikes of perfectly double flowers; the individual blooms measure 2½ inches in diameter. Flowers produced in greatest profusion, spikes being compactly pyramidal, and the plants of neat habit and growth. We offer the very finest mixture. Pkt. 20c.

EAST LOTHIAN Intermediate—The best of all Intermediate Stocks; for winter or spring flowering. Their continuous blooming and great percentage of double flowers which they produce renders them most valuable for pot culture.

2742 East Lothian—Pure white, invaluable for florists. Pkt. 25c.

2743 East Lothian—Mixed colors. Pkt. 25c.

VIRGINIAN STOCKS

Crimson King—Of easy culture, and can be had in continuous bloom by sowing seed at frequent intervals during spring and summer. No. 2760. Pkt. 10c.

SWEET SCENTED VIOLETS (*Viola Odorata*)—Sweet-scented violets are easily grown from seeds; and if you plant them in a cool moist situation so much the better. All varieties are of great beauty.

Our XXX Sweet Scented—One of the most beautiful, and a profuse bloomer. Very large blue. Hardy perennial. No. 2795. Pkt. 25c.

MAMMOTH FLOWERING BEAUTY STOCKS ARE VERY FINE. MIXED COLORS. No. 2739. PACKET 10c

VERONICA (Speedwell)—An elegant hardy perennial plant of easy culture and free-flowering habit; of value as a cut flower or for garden effect. Plants grow bushy and produce long spikes of flowers.

2806 Mixed Colors—Pkt. 10c.

VINCA (Madagascar Periwinkle, or Old Maid)—Ornamental free-blooming plants, and one of the most satisfactory bedding plants we have. They flower from seed the first season, continuing until frost; or they may be potted and kept in bloom throughout the winter; a fine cut flower; 2 feet high.

2858 Rosea—Rosy flowers, glossy oval-shaped leaves. Pkt. 15c.

WALLFLOWER Well-known deliciously fragrant half hardy perennials, blooming early in spring, with spikes of beautiful flowers. They should be protected in a cold frame in the winter and planted out in April.

2923 Paris Extra Early—A beautiful single variety, which may be treated as an annual, flowering through the summer from seed sown in spring. Pkt. 10c.

2924 Goliath—A splendid single variety; flowers of rich shining red, with a black velvety sheen. Pkt. 10c.

2926 Double Finest Mixed Dwarf—Pkt. 25c.

2927 Double Tall—Splendid mixed colors, 2 feet. Pkt. 25c.

2928 Dwarf Single Mixed—Extra choice. Pkt. 10c.

WIGANDIA Caracasana—Arand and magnificent plant, with immense leaves richly veined, and stems covered with crimson hair. Of rapid growth. It forms one of the finest objects among ornamental foliage plants. No. 2950. Pkt. 10c.

WHITLAVIA Grandiflora—Free-flowering hardy annuals 18 inches high, bell-shaped flowers, one inch long, violet blue and white mixed. No. 2960. Pkt. 10c.

XERANTHEMUM Annuum (Everlasting, or Immortelle)—One of the prettiest and most satisfactory of the Everlastings, bearing an abundance of white rose, purple and white flowers, which are not only showy in the garden, but very useful as dried flowers in winter bouquets. Grows about 3 feet high and can be sown in the open ground early in May, growing readily in an open, sunny position, remaining in bloom from early summer till frost. No. 2961. Mixed colors. Pkt. 10c.

SELECT DWARF DOUBLE ZINNIAS More compact and of neater habit than the tall varieties.

2993 Fireball—Bright Scarlet. Pkt. 10c.

2997 Curled and Crested—The petals of this beautiful strain are twisted, curled and crested into the most fantastic and graceful forms. The colors comprise all the brilliant shades characteristic of the Zinnia. Pkt. 10c.

2998 Large Flowering Double Dwarf Mixed—A great variety of colors. Pkt. 10c.



2926. Wallflower-Double. Pkt. 25c.



2996.
Our XXX
Mammoth
Zinnia.
Pkt. 25c.

GIANT DOUBLE ZINNIAS

GIANT DOUBLE ZINNIAS Special Strain (Grandiflora Robusta Plenissima)

—A special strain of this grand old favorite, which produces flowers of colossal size, specimens measuring from 5 to 6 inches across being not unusual. Plants are of extremely robust habit, attaining a height of about 3 feet, and bearing on long, strong stems numerous semi-globular, mostly very double flowers, all of the largest size, making them of great value in large beds, borders, etc.; grown under favorable conditions, they remain in bloom from early summer to late autumn. Price: each color, pkt. 15c.

3002 Giant Golden-Yellow.	3003 Giant Scarlet.
3004 Giant White.	3005 Giant Pink.
3006 Giant Crimson.	3007 Giant Purple.
3008 Giant Mixed.—All colors.	

2996 Our XXX Mammoth Flowering Mixture—This year we are offering the Dahlia Flowered Zinnia in fourteen distinct shades, which we believe will please the most critical eye, and tend still further to increase the popularity of this remarkable flower. We ask you to bear in mind that Dahlia-Flowered Zinnias come in pastel shades, and the distinctive manner in which the pigments are distributed throughout the petals makes them extremely difficult to describe. 3 feet in height; flowers 5 to 6 inches across; brilliant colors in great variety. Pkt. 25c.

WILD GARDEN FLOWER SEEDS

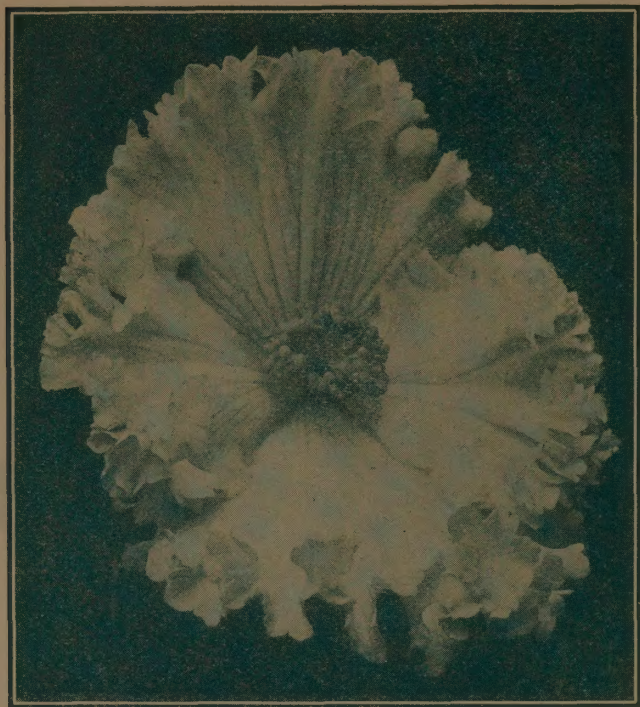
WILD GARDEN FLOWER SEEDS Under this heading we offer mixtures of the easiest and surest growing kinds that can be sown broadcast, and with little or no care will produce a bright effect in places that would otherwise be nothing but a collection of unsightly weeds, and furnishing an abundance of flowers for cutting.

3082 Dwarf Sorts—Not over 3 feet high. $\frac{1}{4}$ lb. 60c, oz. 25c, pkt. 10c.

3083 Tall Sorts—Including climbers, etc. 4 feet. $\frac{1}{4}$ lb. 30c, oz. 25c, pkt. 10c.

3084 Perennial Mixture— $\frac{1}{4}$ lb. \$1.75, oz. 60c, pkt. 10c.

OUR DAHLIA ROOTS ARE WELL GROWN AND ALWAYS GIVE SATISFACTION.



3525. Frilled and Crested Begonia. Each 35c, 10 for \$3.00.

GIANT FLOWERED CANNAS

The Most Desirable Bedding Plant for the Canadian Garden.

How to Prepare a Canna Bed—These plants being strong grower require deep-lying garden ground, well enriched with rotten manure; soil with some mixture of sand is best. After planting, water sparingly for a few days until the plants have taken root; after well established and showing good leaf growth, increase the amount of water; when in full growth during hot weather they may be watered very freely. Set the plants 18 inches apart each way using the taller ones (see height in description) for the centre and the dwarfier kinds for outer circles with shortest ones at edge.

Strong Roots, each 25c, per 10 \$2.15, prepaid.

3540 Giant Pink (Conard)—This has become the most popular pink Canna ever introduced and it is unsurpassed for planting either singly or in large beds. Its exquisite salmon pink flowers are of largest size. Wonderfully profuse in blooming, large heads, 4 feet. Green foliage.

3541 Giant Rose (Rosea Gigantea)—A giant in size of flower and general worth. Flowers are a charming shade of soft rose, shading to carmine-pink, particularly clear and pleasing to the eye. A wonderful bloomer and a fine grower. The flowers are unusually large and are borne in great abundance well above the foliage. Height, 4 feet.

3542 Giant Scarlet (Meteor)—A glorious red variety, or, to be exact, a deep crimson. It makes fine large trusses and blooms constantly. The effect produced by the brilliant colored flowers is very striking. Height, 5 feet.

3544 King Humbert (King of all Cannas)—A brilliant orange-scarlet with bright red shadings. Large trusses of blooms, the individual flowers being six inches in diameter. Foliage a rich, reddish bronze with lighter shadings. Where foliage effect is desired nothing richer can be found. It is broad and massive. The finest red foliage and flowering variety grown. Height, 5 feet.

3545 Giant Spotted (Florence Vaughan)—5 ft. Brilliant golden yellow, dotted bright scarlet.

3549 Yellow King Humbert—4 feet. An ideal rich yellow bedding Canna. The flowers of good size are held well above the foliage; habit of growth very uniform.

CALADIUM or Elephant's Ear—One of the most effective plants for flower borders or for planting on the lawn. Immense light green leaves. Can be used with good effect as a border for tall growing Cannas when edged with Coleus or other low-growing foliage-plants. Will thrive in any ordinary garden soil, but to get the best result plant in rich soil and give plenty of water.

3530 Mammoth Bulbs—(9-11 inches), each 50c, per 10 \$3.75, prepaid.

3531 1st size, (7-9 inches), each 30c, per 10 \$2.50, prepaid.

SUMMER FLOWERING BULBS

There is nothing in floriculture that will give greater satisfaction or produce such grand results as this class of Bulb which includes some of our showiest garden flowers. They are of the easiest culture. Ask for Cultural Leaflet.

Important—Many customers order both seeds and plants at the same time, early in the winter. Seeds are sent immediately, the PLANTS AND BULBS as soon as all danger from frost is past. All plant orders are filled in strict rotation as received. We usually commence shipping about the middle of April, according to the season.

AMARYLLIS

3500 Barbadoes Spice Lily (Johnsonil)—Probably the most magnificent and gorgeous flowering bulbous plant known. Free blooming; flowers very large, 6 inches across; crimson, striped white. Each 60c, per 10 \$5.25, prepaid.

3503 Jacobean Lily (Formosissima)—Crimson blooms; very early. There is hardly a flower which has such deep, rich velvety crimson color, a color so intensely brilliant as this. It is a free-bloomer and succeeds well either in pots or in the open ground, and blooms very soon after planting. Each 20c, per 10 \$1.75.

3505 Vittata Hybrids—These are unnamed seedlings, secured from that famous hybridizer, Luther Burbank. The flowers are exceedingly rich in color and markings, spikes are usually from 2 to 3 feet in height, bearing from 3 to 5 enormous trumpet-shaped flowers. Each 60c, per 10 \$5.25.

TUBEROUS-ROOTED BEGONIAS

We are headquarters for Tuberous-Rooted Begonias; our stock being strictly selected bulbs of the highest possible quality. The opportunities offered by Tuberous-Rooted Begonias for the embellishment of the shady spots in every garden should specially suggest their use, and where grown as a pot-plant for greenhouse or conservatory decoration they are truly a most worthy subject. Thousands are annually planted in beds in our public squares and parks, as well as used for borders of beds. They will thrive in the open sunlight if care is taken to see that the soil is kept moderately moist. May be started indoors in February or they may be planted unstarted in the open ground beds in the last week of May or later, with excellent results.

3512 Single Begonias—Scarlet, rose, white, salmon, yellow and orange, mixed. Price: each 25c, 10 for \$2.00, 25 for \$4.00.

3521 Double Begonias—Scarlet, rose, white, salmon, yellow and orange mixed. Price: each 30c, 10 for \$2.50, 25 for \$4.50.

3525 Frilled and Crested Begonias—Mixed colors. Each 35c, 10 for \$3.00, 25 for \$5.50.

CALLA LILIES

3526 Elliottiana (Giant Yellow)—This is the great new Yellow Calla of marvelous beauty. Flowers very large and of the brightest golden yellow. Leaves beautifully spotted with white. Its great size of bloom, brilliant yellow color and glorious large spotted leaves, make this a plant of unusual beauty and novelty. Strong flowering Bulbs. Each 40c, per 10 \$3.50.

3529 White Calla (Lily of the Nile)—This is the ever-popular and well-known white Calla. Easy of culture, its wonderfully beautiful pure white blossoms are very pretty as pot-plants or for cut-flowers. Large Bulbs. Each 30c, per 10 \$2.50.

3535 GIANT CYCLAMEN—Few pot plants are so desirable as Cyclamen, especially for winter-blooming. They are of the most delicate blush and pink shades prevailing. Often the flowers will be spotted and marked, and finely variegated. The foliage is beautiful, being variegated with different shades of green and helps to show off the flowers which rise above it to a remarkable degree. Plants very scarce. Vigorous young plants, each 30c., per 10 \$2.50.

3644 GLOXINIAS—(Giant Belgian)—Surpass any in size and delicate shades. This is one of the choicest Bulbs for pot culture; flowers trumpet-shaped with the most beautiful tints and markings. Plant in a light soil and keep in a warm place. Dry carefully after blooming and store in mass in a dry place. Scarlet, blue, white and spotted mixed. Each 35c, 10 for \$3.00, 25 for \$5.50.

3720 TUBERÔSES (Excelsior Double Pearl)—The one flower the rich man must have and the poor man can not do without. We all love its massive spikes of thick waxen-white blooms, and delightful fragrance. Is the finest bloomer of all Tuberoses; habit dwarf, flower stalks short, spikes and blooms enormous in size and very double and fragrant. The finest for pots as well as for the garden. Selected 1st size, each 20c, per 10 \$1.75, per 100 \$15.00.

You will find much valuable information in "Garden Hints for Amateurs," particularly suited to the amateur Canadian gardener. A copy will be sent you FREE with every order for flower and vegetable seeds amounting to \$3.00 or over.

PRICES IN THIS CATALOGUE INCLUDE DELIVERY, EXCEPT WHERE OTHERWISE NOTED.

DECORATIVE DAHLIAS

The Decorative Dahlias are an intermediate form between the Show and Cactus types. Many beautiful varieties have been introduced, some with flat petals, others reflexed, incurved, or curiously twisted, and practically all of them are leaders as cut flowers, bearing their large, perfectly formed blooms on long, stiff stems.

We sell only Field-grown roots. Growing plants of Dahlias do not ship well; besides, the field grown roots are more likely to give a larger and finer crop of flowers.

STRONG FIELD-GROWN ROOTS

Prices, (unless otherwise noted), Each 45c, per 10 \$3.75, prepaid.

3575 American Beauty Dahlia—A very large flower of Gorgeous Wine Crimson, very free blooming and on long, stiff stems; proving very valuable for cutting or garden decoration. Each 50c, per 10 \$4.50, prepaid.

3576 Delice—Its beautiful, soft, yet lively color, a glowing rose-pink, together with its perfect shape, stout, stiff stems, which hold the flowers well above the foliage, make it one of the most valuable for cutting.

3577 Dorothy Peacock—A beautiful flower; color best shell pink. Fine for cutting. Each 60c, per 10 \$5.25, prepaid.

3578 Flamingo—The flowers of a rich glowing rose pink, held erect on stiff stems. Each 75c, per 10 \$6.75, prepaid.

3579 Grand Manitou—A most effective fancy variety of splendid shape and very large; ground color white.

3582 Princess Pat—A beautiful pure white.

3584 Jack Rose—Brilliant crimson-red, similar in shade to the popular Jacqueminot Rose, which suggested its name.

3585 Mrs. Hartong—Rich golden bronze; distinct and beautiful.



3576. Decorative Dahlia—Delice. Each 45c, 10 for \$3.75, prepaid.

3586 Jumbo—Considered one of the best. Immense, and of distinctly unique form; rich glowing crimson, shaded maroon.

3587 Mina Burgle—This new introduction is one of the finest varieties to date; a champion variety, producing flowers of gigantic size, and remarkable beauty. The best in existence; in color, a glowing and most brilliant scarlet. The flowers are of perfect decorative type, and borne upon long, wiry stems well above the foliage. A variety which attracts universal attention.

3594 Blue Oban—Lavender, with a beautiful tint of blue. The nearest to blue of any Dahlia in existence. Very desirable on account of its peculiar color.

3598 Souvenir Doazon—A decorative variety of mammoth proportions; will produce flowers 6 inches across, and can be grown to measure full 9 inches. It is remarkably profuse-flowering, and pure red in color.

3599 Tenor Alvarez—This is a handsome new variety of a gigantic French Decorative Dahlia. The flowers are produced on long wiry stems well above the foliage. The color combination is most remarkable, violet-red predominates, very heavily striped and splashed lilac and white.

3600 Wm. F. Gude—Pure white; long stems, good keeper; fine for cuttings.

3601 Wm. Agnew—Intense glistening scarlet-crimson. This variety is a rapid grower and has a strong constitution, one that always gives good satisfaction.

3602 Colossal Yellow Duke—Pure canary yellow of an enormous size, measuring from 6 to 7 inches in diameter.

SUNDRY BULBS, ETC.

3715 HYACINTHUS Candicans (Giant Summer Hyacinth)—A species of Hyacinth which blossoms during August and September, growing three to five feet high, with spikes of pure white flowers two feet in length. The bulbs are large, round and solid, and throw up large flower stems which are gigantic spikes of thimble-shaped white blossoms. Planted in the spring they bloom in August and September and October, strong bulbs producing two, three and even four flower stems. A bed of a dozen or more bulbs produces a grand effect. For a cemetery nothing can be more beautiful or appropriate and nothing thrives better in any situation. Strong bulbs, sure to bloom. Each 15c, per 10 bulbs \$1.00, per 100 \$7.50.

3716 MONTBRETIA The Montbretia is one of the most floriferous and showy of summer-flowering bulbous plants. A dozen or more bulbs, planted 6 inches apart in a group in a sunny position, and allowed to remain, will form magnificent clumps from 2 to 3 feet across, producing, in great numbers, graceful spikes 8 to 12 inches long, each spike bearing from 18 to 30 exceedingly showy star-shaped flowers. 1½ to 2 inches across. Mixed Hybrids. Per 10 75c, per 100 \$5.50.

3718 Summer-Flowering Oxalis No bulb is so valuable for edging the borders of walks or flower beds as the beautiful flowering Oxalis. When planted three inches apart they produce an unbroken row of elegant foliage and pretty flowers, and as they bloom quickly after planting they furnish a neat and attractive border the whole season. They are also splendid when planted in a mass, and make a very showy bed. Per 10 bulbs, 25c, per 100 \$1.50.

3723 Japanese Air Plant or Sea Moss—This is not a live plant, but a beautiful Sea Moss of a delicate and feather-like pattern, bright green color, useful for curtain or window decoration. Each 25c, per 10 \$2.25.

3724 The Resurrection Plant (Or Rose of Jericho)—Imagine a bunch of withered-looking curled-up shoots, brown, stiff and apparently dead, resembling a bird's nest. Place it in water; in an hour, what a transformation! The withered-looking bunch has now opened, and is transformed into a patch of bright green moss. Each 25c, per 10 \$2.25.

OUR DAHLIA ROOTS ARE WELL GROWN AND ALWAYS GIVE SATISFACTION

Prices, (unless otherwise noted), Each **50c**, per 10 **\$4.00**.
3628 New York—One of the largest, with long, narrow tubular petals of a salmon rose color, with bronzy shading.

3632 Sweet Briar—One of the loveliest shades of clear soft pink; very long, narrow, incurved petals.

3633 Winsome—One of the best White Cactus Dahlias.

GRAND SHOW OR BALL DAHLIAS

• This type is the most formal and perfect in shape. They make excellent compact bouquets.

Prices, (unless otherwise noted), Each **35c**, per 10 **\$3.00**.

3561 Crowhurst—A long stemmed, handsome, White Double Dahlia for cut-flower purposes, and one of the finest in existence.

3562 Cuban Giant—Immense blooms of dark crimson.

3565 Dreer's White—A pure glistening white. It has been awarded the first prize as the finest white show variety.

3567 Pink Livoni—A splendid clear pink, beautifully quilled.

3568 Queen of the Belgians—Soft, sea-shell pink.

3569 Red Hussar—Intense cardinal red, free flowering.

3570 Ruby Queen—Ruby red, richly shaded, large flowers.

3572 Storm King—One of the best, with large pure white flowers.

3574 Yellow Livoni—Flowers very perfect, of a soft lemon yellow.

GIANT CACTUS DAHLIAS

The cactus forms of Dahlias are exceedingly beautiful. They have long, twisted petals, and embrace nearly all the colors and shades to be found in any of the other types. To produce the finest flowers, most of the side shoots or laterals should be pinched out when the plants get strong leaving the terminal buds, which then make splendid blooms.

Prices, (unless otherwise noted), Each **50c**, per 10 **\$4.00**.

3608 Aurora—A beautiful orange yellow, heavily overlaid with soft pink, occasionally white tipped. One that will give perfect satisfaction.

3610 Crystal—A splendid exhibition of flowers of large size and fine form; long twisted and incurved tubular petals of a tender silvery pink, shading to ivory white in the centre.

3611 Countess of Lonsdale—A peculiar but pleasing blending of salmon pink and amber, a color difficult to describe. This is the Dahlia for the million. Blooms freely under all conditions.

3612 Golden Eagle—Splendidly incurved Cactus, large flower of a pleasing golden buff; entirely distinct.

3620 Mrs. H. J. Jones—A beautiful large Dahlia, with long, claw-like petals, curving forward. Color, bright, vivid red, tipped and edged with pure white. Sometimes solid red, at others blush white. One of the best to date.

3624 Kriemhilde—A most popular cut-flower variety; color a brilliant pink, shading to white at the centre.

3626 Mrs. Bowen Tufts—The coloring of this new variety is a deep rose purple. It possesses a most charming individuality of beauty and grace which is almost indescribable and is sure to give perfect satisfaction.

3629 Satisfaction—An incurved cactus variety, with long, narrow petals. Color soft sea-shell pink.

3632
Sweet Briar
 Each **50c**,
 per 10 **\$4.00**

PÆONY FLOWERED DAHLIAS

This is one of the newer types, also called the Art or Artistic Dahlias. The true type resembles the Japanese Pæony; yet several of the most valuable and popular varieties differ from the true type.

Prices, (unless otherwise noted,) Each **60c**, per 10 **\$5.25**.

3551 Jan Olieslagers (Pæony Decorative)—Deep primrose yellow, rich and effective; flowers large and full; very upright stem and bloomer.

3553 Geisha—A rich combination of scarlet and gold, with a yellow centre which becomes suffused with and deepens to scarlet at centre petals, shading lighter at edges.

3554 John Wanamaker—This is an ideal among the Pæony-flowered varieties, its color is an exquisite and fashionable shade of rose lake, or, as popularly called orchid pink.

3555 John Green—English Pæony-flowered Dahlia—The coloring is exceptionally attractive and intensely brilliant centre being a clear golden yellow which changes to a fiery scarlet. A great feature of this variety is the lasting qualities of the flowers which remain in full beauty for over a week.

3556 Queen Emma—A charming shade of hollyhock pink, the inner petals margined with gold. A very large and magnificent sort.

3557 Queen Wilhelmina—This is a splendid variety of this new type with immense pure white flowers, with yellow centre. It is very free flowering and the flowers are produced on good stems, making a fine variety for garden decoration.

3558 Sherlock Holmes—An ideal flower, possessing remarkable qualities; flowers beautifully formed and of excellent type. A beautiful shade of mauve.

3559 Oregon Beauty—Handsome new Pæony-flowered Dahlia. The flowers are extra large and full, the coloring is a beautiful glowing fiery scarlet.

3560 Mrs. W. W. Crowell—New Pæony-flowered Dahlia. This is a remarkably sturdy variety. The color is an exceedingly beautiful orange yellow. The habit of the plant is excellent, flower stems being long and the bushes exceptionally sturdy.

PÆONY-FLOWERED DAHLIAS ARE BECOMING VERY POPULAR.

Our Superb Gladioli

You are sure of fine Flowers if you Plant our Gladioli. Ask for special leaflet on culture.

3650 America—A beautiful flesh pink, tinged with lavender. A variety of robust growth and easy cultivation. The flowers are very large and expanded, many being open at one time.

Each **15c**, per 10 **\$1.00**, per 100 **\$6.00**.

3653 Blue King—Deep indigo blue, slightly marked white at base of the throat; very attractive when arranged with yellow flowers in a vase. Each **15c**, per 10 **\$1.25**.

3655 Scarlet—Splendid for garden effects as all flowers appear at one time; vermilion scarlet color ideal for planting in front of shrubbery. Each **15c**, per 10 **\$1.00**, per 100 **\$5.00**.

3658 Electra—Bright scarlet shaded rich rose pink with light cream tint and central scarlet blotch on the inner petal. Each **15c**, per 10 **\$1.25**.

3659 Empress of India—Very dark red with white blotch on throat. A variety that commands marked attention; extra fine. Each **15c**, per 10 **\$1.25**.

3661 Europe—A sensational novelty, spikes of which average 5 feet and are dressed with gigantic flowers of purest white. Each **25c**, per 10 **\$2.00**.

3663 Faust—Large flower; deep, velvety carmine, lower petals slightly touched with white. Each **15c**, per 10 **\$1.25**.

3664 Glory of Holland—Large pure white tinted rose. Strong healthy grower and free bloomer. Each **15c**, per 10 **\$1.25**.

3668 Halley—Very large flowers of lovely salmon pink, blotched yellow with carmine; a robust grower and excellent variety. Each **15c**, per 10 **\$1.25**.

3669 Independence—A brilliant rose pink, marked with white and maroon in throat; straight, strong spikes; a splendid sort for cutting. Each **15c**, per 10 **\$1.25**.

3671 Klondyke—Clear primrose yellow with a crimson blotch in throat; of dwarf habit. Each **20c**, per 10 **\$1.50**.

3672 Love's Fire—A striking coral scarlet. The flowers are large and fine spike. We consider this variety one of the best all round Scarlet. Each **25c**, per 10 **\$2.15**.

3681 Mrs. Francis King—A striking shade of light scarlet or flame color, one of the most effective both in the border and when cut. Each **15c**, per 10 **\$1.00**.

3683 Mrs. Frank Pendleton, Jr.—Deliciously flushed salmon-pink color which extends to the reverse side of the petals. Crimson spot on throat. Each **25c**, per 10 **\$2.00**.

3684 Niagara—An entirely new color in Gladiolus. To describe it intelligently one must imagine a shade of rich cream combined with canary-yellow. The form and habit of this variety is exactly like America, except that the spike grows taller. Each **20c**, per 10 **\$1.75**.



3668 Gladiolus—Halley
Each **15c**, per 10 **\$1.25**, prepaid.

3685 Panama—Exquisite and magnificent, being fully the equal of America in form and size, but superior to it in color, being more on the order of salmon-pink. Each **20c**, per 10 **\$1.75**.

3686 Peace—One of the grandest white varieties. The pale lilac feathering on the lower petals, together with its strong, broad, rich green foliage and spike, make it a most desirable Gladiolus in any collection. Each **20c**, per 10 **\$1.75**.

3688 Princeps (Known as the Thousand Dollar Gladiolus)—Amaryllis-like flowers of a rich dark scarlet, marked with white on the lower petals. The foliage of a beautiful dark green and very attractive. Each **20c**, per 10 **\$1.50**.

3687 Prince of Wales—Salmon pink, tinted buff, yellow centre. Each **20c**, per 10 **\$1.75**.

3694 War—A flower of gigantic proportions; of deep ox-blood red, shaded crimson-black, and borne on strong stiff spikes, with beautiful, deep green, massive foliage. Each **25c**, per 10 **\$2.00**.

3695 Wilbrink—Immense flowers of light pink of similar shade to America and having a soft whitish tint in throat, overloaded on lower petals with flames and dots of carmine lake; fine spike. Each **25c**, per 10 **\$2.15**.

3698 Willy Wigman—Creamy white, scarlet blotch. Each **20c**, per 10 **\$1.75**.

3699 Yellow King—One of the best of clear canary yellow, shading to a soft sulphury yellow when opening. The centre of the flower is a deep golden yellow with brownish carmine blotches. Each **25c**, per 10 **\$2.00**.

GLADIOLI MIXTURES

3700 Gold Medal Mixture. This contains some of each of the three sections, and so great is the diversity in color that customers run practically no risk of getting any two alike; by far the finest mixture of Gladioli ever offered. Per 10 bulbs **85c**, per 100 **\$7.25**.

3701 Our Superb General Mixture—This is our popular low-priced mixture, and is composed of fine sorts, in all colors, in first size bulbs only. Per 10 bulbs **60c**, per 100 **\$5.25**.

3702 Groff's Hybrids, Mixed—These are the earlier hybrids of Mr. Groff, and while not as fine as the Gold Medal Mixture offered above, the size and coloring of many of the sorts are truly marvellous. Per 10 bulbs **75c**, per 100 **\$6.50**.

3704 Childs Giant (Mixed)—Flowers of extraordinary size and remarkable beauty. All shades and tints. Per 10 **75c**, per 100 **\$6.50**.

3706 Fine Mixed—A splendid assortment of finest varieties grown in a well balanced mixture. First size, per 10 **45c**, per 100 **\$3.25**.

GLADIOLI IN SEPARATE COLORS

All Large Flowering Bulbs

- 3707** Pink Shades. Per 10 **65c**, per 100 **\$5.50**.
- 3708** Pink and white shades. Per 10 **65c**, per 100 **\$5.50**.
- 3709** Scarlet and Red Shades. Per 10 **65c**, per 100 **\$5.50**.
- 3710** Scarlet and white throat. Per 10 **65c**, per 100 **\$5.50**.
- 3711** Striped Shades. Per 10 **65c**, per 100 **\$5.50**.
- 3712** White and light shades. Per 10 **65c**, per 100 **\$5.50**.
- 3713** Yellow shades. Per 10 **80c**, per 100 **\$7.00**.
- 3714** Primulinus Hybrids. Per 10 **80c**, per 100 **\$7.00**.

PRICES IN THIS CATALOGUE INCLUDE DELIVERY, EXCEPT WHERE OTHERWISE NOTED.



5790.
Japanese Iris
Mixed Colors.
Each 25c.
10 for \$2.25
prepaid.

LARGE FLOWERED IRIS (European)—These Irises are being planted more extensively each year, due no doubt to the increased education concerning their regal beauty, especially the newer varieties, which are really marvellous in color and form. Colors ranging richest yellow, intense purples, delicate blues, soft mauves, claret red, white, primroses and bronzes of every shade. Hardy; thrive anywhere.

5779 Mixed Colors—Each 25c, per 10 \$2.00.

CHOICE JAPANESE IRIS (Iris Kaempferi)—The grand effect of these in the garden cannot be surpassed. The flowers are of immense size, averaging from 8 to 10 inches across. Perfectly hardy, flowers in profusion in July and August; attains greatest perfection if plentifully watered.

Named sorts, strong roots. Each 35c, per 10 \$2.75.

5780 Spotted Beauty (Double)—Large size wavy double silky-white, freely and finely spotted with violet crimson.

5783 Gold Bound—Tall and showy, with flowers of enormous size, probably the most beautiful of all. Pure snow white, with large gold-banded centre.

5784 Mount Hood—Light blue, shaded darker.

5785 Robert Craig (Double)—French gray, veined violet.

5786 Pyramid—Tall and showy. Flowers very large, light violet blue with slight white veins.

5789 Victor—White, veined violet purple. Violet purple centre.

5790 Fine Mixed Varieties—Mixture of the finest sorts, double and single. Each, 25c, 10 for \$2.25.

BLEEDING HEART

5740 BLEEDING HEART, Dielytra—An old favorite Pæony-like foliage, pink and white heart-shaped flowers. Each, 30c, 10 for \$2.50.

LILIES

5812 ORANGE LILY (Hemerocallis Kwanso)—Of easiest culture; flowers double; clusters of orange, red and crimson. Each, 30c, 10 for \$2.50.

5813 LEMON LILY (Yellow)—Beautiful and fragrant bloom. Each, 30c, 10 for \$2.50.

HARDY LILIES

These glorious flowers of radiant beauty are very hardy, grow rapidly and vigorously, and survive from year to year, forming a permanent and attractive feature of the garden. The bulbs should be planted about 6 to 8 inches deep, in good light soil. We offer the most carefully selected in large sound bulbs.

5815 Japanese Golden Banded (Auratum)—Flowers 10 to 12 inches across; clear ivory white, studded with crimson spots, bright golden band through the centre. Each 50c, per 10 \$4.25, prepaid.

5816 Japanese White (Album)—Pure white, with beautiful recurved petals; very fragrant; free blooming. Each 50c, per 10 \$4.25, prepaid.

5817 Japanese Crimson Banded (Rubrum)—A general favorite; flowers white, shaded with deep rose or crimson; 5 to 6 inches in diameter; fragrant. Each 50c, per 10 \$4.25, prepaid.

5818 Pardalinum (Leopard Lily)—Rich scarlet and yellow flowers spotted with rich brown. Robust and free flowering. Each 35c, per 10 \$2.75, prepaid.

5823 Umbellatum—Robust grower, producing enormous head of bloom; mixed colors. Each 35c, per 10 \$2.75, prepaid.

5824 Japan Easter Lily (L. Longiflorum)—Bears snow white, trumpet-shaped flowers of rare fragrance. Blooms in June when planted in the open ground. Mammoth bulbs. Each 50c, 10 for \$4.25.

5826 Tigrinum Splendens (Improved Tiger Lily)—The grandest of the Tigers, black polished stem. Very large pyramids of flowers, orange red, spotted with black, 3 to 5 feet high. Blooms in August. Each 35c, 10 for \$3.00.

5827 Tigrinum Flora Plena (Double Tiger Lily)—This is a plant of stately habit, growing from 4 to 6 feet high, bearing an immense number of double bright orange-red flowers spotted with black. Blooms in August. Each 35c, 10 for \$3.00.

LILY OF THE VALLEY

5814 A greatly admired and very popular, commercial flower at all times, its graceful racemes with numerous, large, white, drooping bells, producing a delightful fragrance. Lily of the Valley may be grown for house plants twelve months in the year. per 6 pips. 75c.



5815. Japanese Lily, Auratum. Each 50c, 10 for \$4.25, prepaid.

SUPERB CHINESE PÆONIES

The "Queen of Spring Flowers" are well adapted for massing in beds, and particularly valuable for planting in groups throughout the perennial border, where their brilliant hues add attraction to all around. Their requirements are so simple—a good, rich, deep soil, and an open, sunny position; which, however is not absolutely necessary, as they thrive almost equally as well in a partly shaded position. They are perfectly hardy, requiring no protection whatever, even in the most severe climate, and once planted increase in beauty each year.

An important point to observe in the planting of Pæonies is not to plant too deep. The roots should be placed so that the crowns are covered with 2 inches of soil. **Any sort except Adolphe Rousseau, large roots, each 60c, per 10 \$5.00, prepaid.**

PINK SHADES

5830 Achille—Very floriferous variety with large blooms on long stems. Bloom opens shell-pink, fading to delicate blush or lilac-white. Good commercial variety. Rose type, midseason.

5832 Albert Crousse—A superb Pæony of great merit. Immense, full convex bloom, perfect in outline and shape. Its color is an even delicate sea-shell-pink. Tall erect, free bloomer. Late.

5834 Asa Gray—Very free bloomer; known all over for its abundance of flowers. Large, full imbricated bloom; guard petals salmon flesh; color soft pink, sprinkled with minute dots of deep lilac. Distinct and striking variety. Semi-rose type; mid-season.

5836 Edulis Superba—One of the very best commercial pinks for Decoration day. A most beautiful bright clear mauve-pink with silvery reflex. Crown type, very early.

5837 Faust—Guard petals and crown Hydrangea pink, changing to lilac white, collar of narrow sulphur-white petals. Crown type. Midseason.

5838 Lady Bramwell—An exceedingly fragrant flower of perfect symmetrical form. Its color is delicate silvery rose, with lovely pink centre; petals tipped creamy white, occasionally flecked crimson. Fine for cut flowers, bomb type.

5840 Livingstone—Fine variety for cut flowers. Full, imbricated bloom. Color pale lilac-rose with sheen of silver, central petals flecked carmine. Rose type; late.

5842 Madame Calot—One of the very best varieties for cut flowers. Highly recommended for quantity of flowers of delicious perfume it produces. Hydrangea-pink, centre slightly darker with a somewhat sulphur tint in the collar. Rose type, early.

5848 Monsieur Jules Elie—Considered the King of all Pæonies. Immense, globular, very full flowers. Color an ideal glossy lilac-pink, shading to deeper rose at the base; the entire flower overlaid with a sheen of silver. Bomb type; midseason.

5850 Sea Shell—One of the grandest of Pæonies. Color very delicate rose-white, centre deeper shading, slight carmine tips. Large, typical rose type. Late midseason.

RED SHADES

5852 Adolphe Rousseau—Stands first amongst the darkest Pæonies, Vigorous grower carrying its blooms on tall stiff stems. Its color is a dark velvety red with garnet hues and a distinct metallic reflex. Dark foliage, veined red. Fine for landscape effects. Semi-double type. Early midseason. Each **75c**, per 10 **\$6.50**.

5854 Agida—A grand bright showy red Pæony, easily distinguished amongst the other reds by its scarlet appearance. Semi-double type, mid-season. We carry a large stock of this variety.

5858 Duke of Devonshire—Extra large, compact flat bloom, solferino-red, narrow fringed petals, intermingled with the wide petals; color effect uniform deep rose. Beautiful variety. Rose type; late.

5860 Felix Crousse—One of the best red varieties. Large globular, typical bomb type. Brilliant red. Late midseason.

5861 Louis van Houtte—Very fine shapely bloom; color bright crimson. Semi-rose type; late.

5864 Rubens—Semi-double type; early midseason. Very dark crimson, with prominent guards. A charming variety. Early midseason.

5866 Victor Hugo—Brilliant carmine-red. Similar to Felix Crousse, but an absolute distinct variety. Bomb type; late.

5856 Berlioz—Enormous full globular imbricated bloom. Color bright currant-red; centre tinted rose; tipped silver. Rose type; late mid-season.

ROSE SHADES

5870 Humei Color cherry-pink, highly cinnamon scented. Very useful for landscape work. Rose type; very late.

5872 L'Indispensable—A variety of unknown French origin and greatly confused with Eugene Verdier. Lilac-white shading to pale violet-rose toward the centre. Rose type; late midseason.

5874 Ne Plus Ultra—A vigorous, strong growing and very desirable variety. Color light violet-rose with silvery reflex, central petals overlaid with salmon-pink. Rose type; early midseason.



5877 Duchess de Nemours. Each 60c, 10 for \$5.00, prepaid.

WHITE SHADES

5875 Candidissima—Guard petals creamy-white, centre sulphur-yellow delicately tinted flesh with a light green heart. Strong grower free-bloomer great big flowers. Rose type; early.

5876 Boule De Neige—Similar to Festiva Maxima, having its pure white color and crimson flecks in the centre. Large, cup-shaped, perfectly built bloom of good substance. Extra good as cut flower variety. We always carry a large stock of this.

5877 Duchess De Nemours—Superb cup-shaped, sulphur white flowers with greenish reflex. It gradually changes to a pure snow-white without spot or blemish. Extra good commercial variety, blooming a few days later than Festiva-maxima. Crown type; early.

5878 Duke of Wellington—A vigorous and tall growing variety producing flowers of enormous size with white guards and sulphur centre. An ideal cut flower. Bomb type; late midseason.

5879 Festiva Maxima—The most popular white Pæony for cut flowers. Pure white, centre prominently flecked crimson; outer petals sometimes faint lilac-white on first opening. Tall vigorous grower. Rose type; early.

5873 Boskoop Glory—Absolutely perfect in form and considered one of the finest Pæonies grown. Very large, compact, globular rose-type. Milk-white, shaded ivory; has ruby colored markings on some of its petals. Mid-season.

5880 La Tulipe—Enormous, fragrant flowers, delicate blush white, shading to Ivory-white, with red tulip marking on outside of guard petals. Semi-rose type; midseason.

5881 Queen Victoria—Large, globular, loose, crown type. Milk-white guards, tinted flesh, centre cream-white with crimson spots. Crown type; midseason.

DOUBLE PÆONIES

Each 35c, per 10 \$3.00.

Officinals—This type is the real old-fashioned "Pæony," and comes into bloom from ten days to two weeks ahead of the named sorts. All are strong growers, with large, double fragrant flowers.

5882 Alba—Blush-white.

5884 Rubra—Deep crimson.

5883 Rosea—Bright rose-pink.

ONE STRONG ROOT EACH OF 32 VARIETIES OF PÆONIES FOR \$12.00 DELIVERED

SELECT EVER-BLOOMING ROSES

IMPORTANT—Many customers order both seeds and plants at the same time, early in the Winter. Seeds are sent immediately, and the PLANTS AND BULBS as soon as all danger from frost is past. All plant orders are filled in strict rotation as received. We usually commence shipping about the middle of April, according to the season.

HARDY HYBRID TEA ROSES

These are unquestionably the true perpetual hybrids; the strong infusion of Tea blood into the old perpetuals has, by judicious hybridization, produced in the last decade an entirely new race of Roses. No words of praise can adequately convey the extreme beauty and unique usefulness of this glorious section, which now dominates all other sections of Bedding Roses. The exquisite coloring and beautiful formation of the flowers and buds of this new race, at once place it without a rival in the rose garden. These ever-blooming roses remain in bloom from June until October, and while they are quite hardy, we recommend usual protection during the winter.

Our cultural leaflet "HOW TO GROW ROSES," free with all orders if requested.

Planting Time—The broad extent of our country renders it impossible to give any specified date for planting. Mid-spring is the best time, and it is better to be a little early than late. Dormant Roses should be planted as soon as the frost leaves the ground and it is dry enough to cultivate.



5537
General McArthur Scarlet
Each 90c, 10 for \$7.50,
prepaid.

SCARLET AND CRIMSON SHADES

All Hybrid Tea Roses—

Extra strong 3-year-old bushes, each 90c, per 10 \$7.50.

5530 American Beauty—Deep rose, shaded carmine; very large, globular flowers, produced on long stiff stem; richly perfumed. The well-known, high priced flower of the florist. A continuous bloomer.

5535 Edward Mawley (Irish) (McGredy)—The color is a deep rich velvety crimson. The velvety bloom upon its huge petals is a revelation in coloring; the forms of the blooms are faultless and perfect; very large and quite full with the most delicious and sweetest perfume.

5536 Star of France—Flowers large, of magnificent form; very full; color, red crimson-velvet; very fragrant.

5537 General McArthur—Dark velvety scarlet; free and perpetual; one of the best bedding and decorative Roses grown.

To protect Hybrid Roses over Winter.—Cover each Rose bush with six or eight inches of earth above the ground in the Fall. In Spring, the bush may be pruned back to the height it was covered with earth in the Fall.

Remove the covering gradually in the Spring when danger from frost is past.

All Hybrid Tea Roses—Extra strong 3-year-old bushes, each 90c, per 10 \$7.50.

PINK AND ROSE SHADES

5500 Caroline Test-out—Light salmony pink; flowers very large and globular; quite distinct; a grand garden variety.

5502 Dean Hole (Irish)—A perfect flower of great beauty; color silvery carmine, shaded salmon; distinct. Awarded the Gold Medal.

5509 Killarney (Irish)—Pale pink long pointed buds, opening to large flowers; a lovely and

distinct variety of great merit; splendid for bedding.

5512 La France—Bright silvery rose, extra large full, and fine; one of the sweetest-scented roses; most free blooming, and very hardy.

5515 Mme. Abel Chatenay—Flesh-shaded deep salmon; long-pointed buds; a good decorative variety; excellent for bedding.

5521 My Maryland—Robust and very free flowering; color bright salmon pink with paler edges; delightfully fragrant.

SCARLET AND CRIMSON SHADES

(Continued)

Extra strong 3-year-old bushes, each 90c, per 10 \$7.50.

5540 George Dickson (Irish)—Very strong, vigorous, flowers of the largest size; perfect in shape and unique in color, which is velvety black crimson, the back of the petals being heavily veined with pure crimson maroon. Delightfully scented.

5541 Gruss au Teplitz—Bright crimson, with fiery red centre; very free blooming and hardy, good for bedding.

5544 King George V (Irish) (Dickson)—Growth vigorous and very branching; flowers very large and full, opening freely. Color rich blackish crimson, with deep violet flush.

5553 Richmond—Pure red scarlet; splendid for bedding; very free and continuous flowering.

WE WILL SHIP YOUR PLANTS (Charges Prepaid) ABOUT APRIL 20th

Hardy Hybrid Tea Roses

(Continued)

White and Cream White Shades

All Hybrid Tea Roses. Extra strong 3-year-old bushes, each 90c, per 10 \$7.50.

5561 **British Queen (Irish) (McGredy)—White, of pure color; in the bud stage it shows a slight flush, which disappears as the bloom opens. Flowers large, of fine form; growth vigorous and branching, very floriferous, and sweetly fragrant.

5563 Ethel Malcolm (Irish) (McGredy)—The color is ivory white, passing to purer white as the flower expands, with a delicate peach shading in centre of bloom, a lovely color.

5565 Augusta Victoria—Cream, slightly shaded lemon; deeper in the centre; a distinct and very beautiful variety.

5569 White Killarney—Pure milk white; very free and good; a fine garden and budding Rose.



5606 White Druschki, Each 75c, 10 for \$6.00, prepaid.

YELLOW SHADES

5580 *Betty (Irish)—Very large flowers of splendid form; color coppery-rose, shaded golden yellow, flowering freely up to the winter; fragrant.

5582 Lady Hillingdon (Irish)—A recent introduction, of a beautiful coppery shade of apricot-yellow, beautiful in the bud; a strong, vigorous grower, and free-flowering.

5589 *Mde. Ravary—Beautiful golden yellow; long-pointed buds, opening to large, full orange yellow flowers; very hardy and very best of all yellow bedding Roses.

5590 *Mrs. Aaron Ward—Color, Indian yellow, washed with salmon gold; free blooming; a fine bedder.

5592 Rayon d'Or, or Golden Rays—A gorgeous new golden yellow Rose. A vigorous, strong grower, with glossy foliage. Flower large, of globular form, color yellow cadmium as the buds begin to expand, toning to a golden-yellow as they fully develop; a superb Rose.

5594 Sunburst—A superb Rose, of good vigorous habit; flowers large, of elongated cup form, especially handsome in bud form; color a rich cadmium yellow with orange-yellow centre.

N.B.—Roses which proved hardiest at the Experimental Farm, Ottawa, are marked*, second choice**. Sorts not marked have not been tested there, but are considered hardy.

RUGOSA Roses—Both the red and white flowering forms of these beautiful Roses are fast becoming popular as hedge plants, their bright glossy foliage, which appears to be insect-proof, together with the showy, large-single flowers, which are followed by bright red fruits, making them particularly desirable plants for the purpose.

5645 Red—3-year-old, 60c, per 10 \$5.00.

5646 White—3-year-old, 60c, per 10 \$5.00.

Various Hardy Roses

Prices: 3-year-old bushes, each 75c, per 10 \$6.00.

5634 *Irish Elegance—Color bronzy orange, opening to single flowers of various shades of apricot. Perpetual bloomer.

5637 *Soleil d'Or—Color varying from orange to reddish gold; large full flowers; hardy; free-blooming.

English Sweet Briar

5650 English Sweet Briar.

This is the true English Sweet Briar, or Eglantine. The single flowers are quite artistic, but it is valued most on account of the refreshing fragrance of its leaves. Each 75c, 10 for \$6.00.

Yellow Briar Roses

5639 Persian Yellow—A very hardy type, producing medium size double golden yellow flowers. This class requires little or no pruning, simply cut out superfluous and dead wood. Each 75c, per 10 \$6.00.

Hardy Perpetual Roses

Fragrant Garden Roses

These are the "June Roses" so admirably suited for garden culture, the formation of rose beds, hedges, etc. In June and July these lovely Roses are brilliant with large, perfumed flowers of richest colors. Many varieties bloom late in summer and even into autumn.

Extra Strong Two-Year-Old Bushes.

Each 75c, 10 for \$6.00, delivered.

N.B.—Roses marked * proved hardy at the Experimental Farm, Ottawa.

5600 *Alfred Colomb—Bright red, very large, full, and globular; free blooming and fragrant; a grand old rose.

5606 White Druschki—Pure snow white; very long buds; shell-shaped petals, opening to very large flowers; a free-blooming variety.

5607 *General Jacqueminot—Brilliant scarlet crimson; very large and full; an old rose that holds its place as one of the best.

5608 Pink Druschki (George Arends)—This is a pink form of the popular white rose, Frau Karl Druschki, highly perfumed.

5612 *Mme. Plantier—Pure white; very free bloomer.

5613 *Magna Charta—Bright Rose; very large and double; of good form and fragrant; best of old plants; a very hardy garden Rose.

5616 *Mrs. John Laing—Soft pink color; very large and fine form; an abundant bloomer; quite one of the very best varieties.

5618 *Paul Neyron—Deep rose; flowers of immense size, with fine foliage; free bloomer; a hardy garden Rose.

5620 *Prince Camille de Rohan—Deep velvety crimson maroon; full and good form, and perhaps the best of all the very dark Roses.

5621 *Ulrich Brunner—Cherry red, of immense size fine form, and most effective in the garden. One of the earliest and lasts the season.

The Charming Baby Ramblers

Dainty, dwarf-growing Roses, excellent for bedding clumps, single specimens, or for pot culture. Hardy, healthy, and always blooming. Immense clusters; exquisitely beautiful. All colors, strong 3-year-old, each **75c**, per 10 **\$6.00**, per 100 **\$52.50**.

5681 Baby Dorothy.—Covered with clusters of beautifully-colored shell-pink flowers.

5686 *Katherina Zeimet.—(White Baby Rambler).—Pure white flowers; very sweet.

5688 Crimson Baby Rambler (Mme. Norbert Levavasseur).—Rosy Crimson; splendid for massing and bedding.

Hardy Ramblers

Roses
Climbing



Hardy Rambler or Climbing Rose

Price: 3-year-old, each **75c**, per 10 **\$6.00**.

The varieties which have proved hardy at Experimental Farm, Ottawa, when carefully protected during winter, are marked*.

All varieties offered have proved hardy with us when given usual protection.

5662 *Crimson Rambler.—The magnificent trusses of bright crimson flowers are freely produced and admired by everyone. It is one of the easiest of Roses to succeed with. Unsurpassed for walls, hedges, etc.; very hardy, and a strong grower.

5663 Dorothy Perkins (Pink Rambler).—Color beautiful shell-pink; the flowers are borne in large clusters of small double blooms, and very sweetly scented; of strong climbing habit.

5664 Flower of Fairfield (The Everblooming Crimson Rambler).—Exactly like the Crimson Rambler in appearance, except that it blooms periodically during the summer; very vigorous.

5666 Red Dorothy (Excelsa).—A distinct variety in form, color and habit; vigorous in growth with healthy dark, glossy green foliage. The flowers are very double, produced in large trusses of thirty to forty, and almost every eye on a shoot produces clusters of flowers. The color is intense crimson-maroon, the tips of the petals tinged with scarlet. The individual flowers are very large for a climbing Rose, being similar to those of the General Jacqueminot, only the petals are of a more loose form. This may be termed a great improvement on the Crimson Rambler, which it is sure to supersede, if only on account of its foliage, which is mildew proof.

5669 White Dorothy (White Rambler).—A duplicate of Dorothy Perkins except in color, which is pure white.

5671 Yellow Rambler (Source of Gold).—Bright yellow; clusters of from fifty to a hundred blossoms.

5663 Dorothy Perkins Rambler Rose. Each **75c**, 10 for **\$6.00**.

MOSS ROSES

Beautiful buds, covered with a moss-like texture, vigorous growers; hardy. Extra strong 3-year-old plants, each **75c**, per 10 **\$6.00**.

5655 *Blanche Moreau.—Largest White; buds heavily mossed; fragrant; fine for cemeteries.

5656 *Crimson Globe.—Rich glossy pink tinged with crimson; large globular flowers.

5658 *Glory of Mosses.—Bluish color; very large and full. One of the best.

CEMETERY ROSES

Each **75c**, per 10 **\$6.00**.

5630 *Caroline Marniesse (Cemetery).—A continuous bloomer; being covered with Roses the entire summer. The flowers are double, pure white, slightly tinged with pink, with delightful tea fragrance. Entirely hardy.

5631 *Double White Memorial Cemetery Rose.—Entirely distinct and of charming grace and beauty. A perfect trailer. Flowers pure snowy white. Perfectly hardy.

PROFITS FROM ROSES

Rose Culture is no longer a fad, but a real business proposition offering most excellent returns for the investment and labor required. Few, if any, of our popular commercial flowers can be produced with equal assurances of netting the grower better results in satisfaction and income. Roses can be successfully grown under widely varying conditions, providing the proper cultural methods are pursued, and, while adaptable to culture in any open field, they are particularly suitable for improving vacant city property and back yard areas which would otherwise be waste ground.

WE WILL SHIP YOUR PLANTS (Charges Prepaid) ABOUT APRIL 20th.

CLIMBERS

These most useful and beautiful plants are becoming more popular every year and deservedly so. For beautifying summer houses, trellises, verandahs, walls, etc., they are invaluable. All are of easy culture, and once planted require very little attention.

N.B.—We offer extra strong stock which should be forwarded by express only.

BOSTON IVY

AMPELOPSIS

In planting Ampelopsis of all kinds, the plants, if still in a dormant condition, should be cut down to within six inches of the ground, so that the new growth may cling to the wall or tree from the bottom up.

Veitchii (Boston Ivy)—Grows as rapidly as the old Virginia Creeper, is entirely hardy, and clings firmly to any wall, tree, etc. The leaves are small on young plants, which at first are of an olive-green brown color, changing to bright scarlet in autumn.

5951 Extra strong, 3-year-old, each **60c**, per 10 **\$5.00**.

Engelmanni (Engelman's Ivy)—One of the hardiest, best and quickest growing climbers for the North and North-west. Quite similar to the Virginia Creeper, but vastly superior to it, the foliage being cleaner, of greater substance, and not turning yellow during the early fall, and almost perfectly free from insects.

The leaves color up beautifully in the fall.

5955 3-year-old, each **75c**, per 10 **\$6.25**.

5956 **Quinquefolia (Old Virginia Creeper)**—A strong, rapid grower, dark green foliage, changing in autumn to bronze and bright crimson. Each **50c**, per 10 **\$4.00**.

DUTCHMAN'S PIPE

ARISTOLOCHIA Siphon—A vigorous and rapid growing twiner, bearing singular brownish-colored flowers, resembling in shape a Dutchman's pipe. The very large, light-green leaves are most handsome. The plant grows very quickly, and soon makes a dense shade. Will attain a height, of 30 feet, and is perfectly hardy.

5960 Extra strong vines, each **90c**, per 10 **\$7.50**.

5963 **STAR CLEMATIS (Paniculata)**—The finest small-flowered Clematis extant. A wonderfully rapid grower, quickly covering trellises, arbors, etc. The flowers are pure white, deliciously fragrant, and produced with the greatest freedom. It flowers in September, when few other vines are in bloom. This is the easiest to grow and most popular of all the small-flowered vines. Excellent for covering graves. Extra strong, 3-year-old, each **60c**, per 10 **\$5.25**.

3725 **TUBEROUS WISTERIA**—A valuable hardy tuberous-rooted climber closely resembling the common Wisteria in vine and foliage and having clusters of rich, deep purple flowers, which have a strong, delicious violet fragrance. Plant the bulbs near a trellis, tree, fence, or any place where you may wish a climber. They grow to a great height, and bloom profusely. The bulbs are perfectly hardy, and should not be taken up over winter. Each **20c**, per 10 **\$1.50**.

3726 **CINNAMON VINE (Dioscorea Batatas)**—A beautiful, rapid-growing summer climber, with bright green, glossy foliage and spikes of deliciously cinnamon scented, white flowers. It is perfectly hardy, the stem dying down in winter, but growing with great rapidity in the spring, so as to cover any trellis or arbor very early in the season. Large, select roots, **20c**, each, per 10 **\$1.50**.

3727 **MADEIRA VINE**—A favorite tuberous-rooted climbing plant with dense and beautiful shining foliage and of very rapid growth, twining on strings to a great height or forming garlands in many fanciful forms. It will grow anywhere, but does best in a warm, sheltered, sunny location. It is also a very pretty plant for training around the windows in the house. Each **20c**, per 10 **\$1.50**.



5960 Dutchman's Pipe. Each 90c, 10 for \$7.50.

LARGE FLOWERING CLEMATIS

This family of Climbing Plants is probably more popular than any other and makes a glorious effect on account of the gigantic blooms and striking appearance.

We are careful to send out only perfectly healthy stock, and cannot entertain any complaints on account of non-success with this class of plants.

Prices—Extra strong, 3-year-old plants, each **90c**, per 10 **\$7.75**.

5964 **Jackmanii**—This variety, with its strong, healthy growth, hardy nature, and rich deep velvety purple flowers, is the most satisfactory of its class. Blooms with astonishing profusion in shoots of the present season; should be pruned early in spring.

5965 **Duchess of Edinburgh**—One of the best double whites, of vigorous habit, very free of bloom, and delightfully fragrant.

5966 **Bangholm Belle**—Strong grower, flowers always eight-sepalled, 4 to 6 inches in diameter, and pure white. Very hardy.

5969 **Ville de Lyon**—Its blooming capacity is great and the flowers of the most magnificent brilliant crimson. They are large and of beautiful circular form.

HONEYSUCKLE

HONEYSUCKLE—We cannot speak too highly of this class for covering arbors, fences, pergolas, verandahs, etc. They are the best vines for ground embankments, will prevent washing. Bloom in July and September.

Each **75c**, per 10 **\$6.00**.

5973 **Halliana**—Flowers white when first open, turning rich golden-yellow; fragrant. Extra strong.

5974 **Monthly Fragrant**—Rapid-growing variety; flowers large and fragrant; red and yellow; constant bloomer. Extra strong.

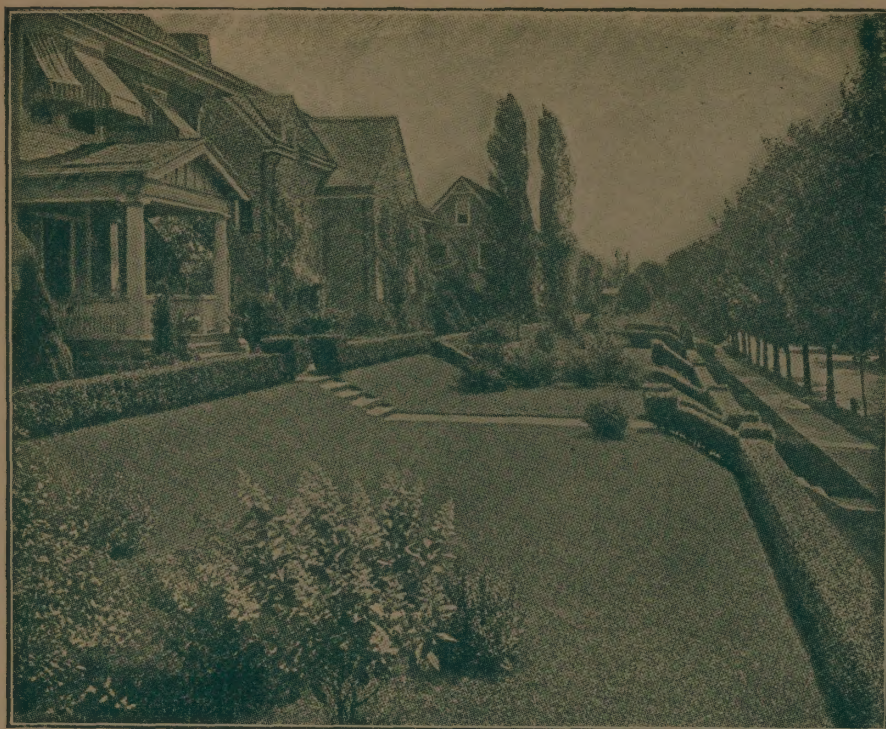
CLIMBING WISTERIA

No plant, vine or shrub can equal the display made by the Wisteria. The graceful effect it produces is hard to describe, the blue variety being especially attractive.

Strong plants, each **75c**, per 10 **\$6.25**.

5977 **Magnific Blue**—The variety which flowers so profusely in June. Clusters of lilac blue flowers; fragrant; grows anywhere.

5978 **Chinensis Alba**—A beautiful white flowering form of the above. Looks especially attractive when intermingled with the blue variety.



Beautify Your Home with Flowering Shrubs.

JAPAN BARBERRY

Berberis Thunbergia.—A valuable shrub of dwarf compact habit, forming a low, globular bush. Leaves rich glossy dark green, turning in autumn to the most brilliant scarlet imaginable. The branches are studded with coral-like berries, which cling to the bush until May. Yellow flowers in June. One of the best plants for a low-growing hedge.

6021 2 feet—Each 50c, per 10 \$4.00, per 100 \$35.00.

SUMMER-LILAC

Sweet-Scented Buddleia.—Shrubs of comparatively recent introduction that are particularly valuable on account of their season of bloom, which is during the summer months when few other shrubs are in flower. They are quite rare in this country, but worthy of being included in all shrub collections; thrive best in open, sunny location and are not entirely hardy north of Toronto.

6029 **Buddleia Variabilis (Veitchii Magnifica).** Sweet-Scented.—The flower spikes of this variety are often over 20 inches in length. They are of a beautiful light blue color, making this a most interesting and ornamental plant. 3-year Bushy Plants.—Each 75c, per 10 \$6.75.

SIBERIAN PEA SHRUB

Caragana Arborescens.—A large hardy shrub, with showy yellow flowers and compound leaves, consisting of 8 to 12 bright green leaflets, thriving in almost any well-drained soil. Native of Siberia. It is a valuable addition to shrub borders, providing a wealth of blossoms in spring or early summer. Makes an excellent, fast-growing hedge for Northern and Western Canada. An ornamental plant that can be used to advantage on many lawns.

6032 Heavy Plants—3 feet. Each 50c, per 10 \$4.25.

CRATÆGUS—HAWTHORN

Suitable for the North-West.

The Hawthorns are particularly bright and attractive when the autumn foliage changes to brilliant colors. They flower abundantly in May and June, and are fragrant and showy and may be pruned and trained into thick, dense hedges, which their thorns make almost impenetrable.

6034 **Paul's Double Scarlet Thorn.**—Covered with beautiful fragrant, crimson flowers. Strong Plants, 3½ feet. Each 75c, 10 for \$6.25.

Flowering Shrubs

SHRUBS are as much a part of the well balanced garden as the lawn or flower borders. Many of them are as decorative as any ornamental foliage plant, while others are highly useful as cut flowers, and a well arranged planting presents an attractive appearance throughout the entire year.

All the attention necessary is occasional cultivation to keep down weeds, and a little top dressing of manure or bone meal in the late fall to keep up the fertility of the soil. In planting care should be taken not to overcrowd, allowing sufficient room for future development, and unless an immediate effect is wanted—in which case they may be planted closer and some of them moved when necessary—the majority of the dwarf growing kinds may be set about 3 feet apart, the tall, strong growers, about 4 feet apart.

Deciduous shrubs should be planted in spring as soon as frost is out and the ground in workable condition. This gives them a chance to make some root growth before hot weather comes and while it is quite possible to plant up until the beginning of May, they will not do as well as if planted earlier.

The question of when and how to prune Shrubs is one that is frequently asked, and as no hard and fast rule can be given, we can but indicate in a general way what should be done.

All Shrubs that blossom before midsummer, such as Deutzias, Forsythias, Lilacs, Philadelphus, Weigelias, etc., produce their flowers on the growth of wood made the previous year. To prune these in fall or spring would be to destroy most of the flowers for that season. These therefore, should have any necessary pruning done immediately after flowering. Varieties which blossom after midsummer produce their blooms on wood made the same season. This class includes such kinds as Altheas, Hydrangeas, etc., and these should be pruned in early spring. Shrubs are as a rule, pruned too much, all the pruning or rather trimming, that is necessary being just enough to keep the plant in nice symmetrical shape, care of course, being taken to cut out all dead wood, and removing sufficient surplus growth, if any, to admit a free circulation of air and sunshine all parts of the plant.

HARDY ROSE OF SHARON

Althea—The Altheas are among the most valuable of our tall hardy Shrubs on account of their late season of blooming, which is from August to October, a period when but few shrubs are in flower. They are also extensively used as hedge plants, for which they are admirably adapted. Strong 3-year bushes Each 50c, 10 for \$4.25.

6012 Double Pink.

6014 Double White.

ALMONDS

Double Flowering (Prunus Japonica fl. pl.).—Beautiful shrubs bearing in May, before the leaves appear, an abundance of small rose-like flowers, closely set upon the branches. Strong bushes, 3-year. Each 60c, 10 for \$5.25.

6016 Double Pink.

6018 Double White.

DEUTZIAS

A family of profuse flowering Shrubs that include both dwarf and tall-growing varieties. There are nooks and corners in every lawn in which different members of this family of plants can be used to advantage. All varieties do best in well-drained soil.

6038 **Pride of Rochester (Crenata fl. pl.).**—A handsome free-flowering Shrub, with numerous upright branches. Flowers double, rosy-white, in erect panicles 2 to 4 inches long. Very showy, with its outer petals a handsome rosy purple. Bushes, 2½ feet, each 50c, per 10 \$4.25.

BUSH HONEYSUCKLE

Hardy in the Northwest.

Lonicera.—There are no prettier, more ornamental Shrubs in cultivation than the upright Honeysuckles, and they should be better known. Beautiful in bloom, yet this is surpassed by the beauty of the berries which follow the flowers and remain on the plant all Summer and Fall.

6065 **Tartarica Grandiflora Rubra**—Carmine pink flowers, which contrast beautifully with the foliage. Each 50c, per 10 \$4.00

Hydrangeas

Hydrangeas require plenty of moisture, but with careful watering, and shelter during winter, give good results in the Northwest.

6057 Paniculata Grandiflora.—The grandest of all Hardy Shrubs. The flowers are borne in dense pyramidal panicles a foot long, in the greatest profusion, are white when they first open, but gradually change to rose color and remain for weeks. Strong heavy bushes, each **75c**, per 10 **\$6.00**.

6054 Hydrangea Arborescens Grandiflora (Snowball Hydrangea).—This magnificent, perfectly hardy American Shrub has snow white blossoms of largest size. One of its most valuable characteristics is its coming into bloom just after the passing of all the early spring shrubs, while its long flowering season, from early June until late August, makes it a valuable acquisition in any garden. Extra heavy 3 year old plants, each **75c**, per 10 **\$6.00**.

FORSYTHIA—GOLDEN BELLS

Familiar hardy Shrubs that burst into bloom as winter is leaving. The bright, golden yellow, star-like flowers wrap themselves along the naked branches in a wealth of bloom that is especially bright and cheerful at such an early season.

6046 Viridissima.—Erect shoots, spreading branches and narrow bright, glossy leaves. This variety can be distinguished by the bright green bark of the young twigs. On vigorous growing plants the leaves are retained during early winter. This is a valuable quality making it a splendid Shrub for mass planting. Flowers in April, strong bushes, 3 to 4 feet, each **60c**, 10 for **\$5.25**.

CORNUS—THE OSIER DOGWOODS

Dogwoods are strong growers in almost any soil, are hardy and thrive nearly as well in shaded places as in the open. While the bush forms are not remarkable for their flowers, they are especially valued for the brilliant coloring of the bark, which is very attractive in the leafless months of winter. They are particularly suited for mass planting or natural effects.

6052 Red Siberian Dogwood.—Umbels of White flowers in May and June. In winter, the naked, bright red branches are conspicuous even at long distances. This variety has the brightest red bark of any and is particularly valuable for color contrast.

Select, 2 to 3 feet. Each **45c**, 10 for **\$3.75**.

SPIREA SHRUBS

A large group of showy, free flowering, hardy shrubs. Some of the species bloom in early spring, others in midsummer, while some produce their flowers from summer until fall.

6112 Callosa rubra—Deep rosy flowers blooming nearly all summer. Each **50c**, per 10 **\$4.25**, prepaid.

6113 Bridal Wreath (Prunifolia Fl. Pl.)—A beautiful Shrub from Japan, with pure white flowers like white daisies. Keeps in flower a long time, and justly merits being placed in the front rank among flowering Shrubs. Flowers in May and June. Each **50c**, per 10 **\$4.25**, prepaid.

6115 Thunbergii—One of the most charming of all low growing Shrubs, with fine delicate foliage, and a profusion of small white flowers in spring. Flowers in May. Each **50c**, per 10 **\$4.25**.

VAN HOUTTEI SPIREA

6118 Van Houttei—The grandest of all White Spireas. When in flower it is a complete fountain of white bloom, the foliage hardly showing. Clusters of 20 to 30 flat white florets make up the raceme. An early bloomer. Hardy in the West. Extra large bushes, each **75c**, per 10 **\$6.00**, 2nd size, each **50c**, per 10 **\$4.25**.

N.B.—Special prices for large quantities.



6085 Fragrant Mock Orange. Each **60c**, 10 for **\$5.25**.

FRAGRANT MOCK ORANGE

6085 Syringa Philadelphus.—One of the earliest blooming of all hardy Shrubs. Rounded form and luxuriant foliage; covered with masses of pure white and intensely fragrant flowers. Hardy in the North West, but must be given protection during the winter. Flowers in June. Each **60c**, per 10 **\$5.25**.

CHOICE LILACS

The improvement in the Lilac, especially in the double sorts, during the last ten years is marvellous, and all lovers of this flower will be delighted with these novelties. Few Shrubs that have been introduced recently, are likely to prove so popular as these Lilacs. Flower in May and June. Suitable for the North West. Single marked "S". Double "D". By express only, each **90c**, per 10 **\$7.50**, prepaid.

6068 Charles X (S).—Magnificent clusters of dark red flowers, produced in the grandest profusion. 2 to 3 feet.

6072 Marie Legraye (S).—The pure white single flowers are very fine and fragrant; fine for forcing.

6073 Hugo Koster (D).—Plant dwarf, bearing at the top of all the branches. Pale lilac throughout, in half-opened blossoms, and also in the bud state. 2 to 3 feet.

6074 Mme. Lemoine (D).—A grand double white variety. Vigorous habit and immense foliage. 2 to 3 feet.

6075 President Grevy (D).—Petals of a cobalt-blue, with the centres more brilliant and the edges rosy. The buds are a violet hue. 2 to 3 feet.

6076 Souvenir de Louis Spach (S).—The clusters are very large and of splendid, dark purple red color, not only as buds, but even when the blossoms are fully expanded. 2 to 3 feet.



6131 Japanese Snowball.
Strong bushes each 75c, 10 for \$6.00, prepaid.

PRIVET (for Hedges)

They are extensively used for hedges and screens and are also planted among other shrubs for the beauty of their flowers and berries. They are hardy and vigorous, thriving in almost any fertile soil, and stand clipping.

English (*Ligustrum vulgare*)—One of the finest ornamental hedge plants grown; can be clipped any shape. Grown as a single specimen it produces panicles of white flowers in June. The foliage is of a rich green lighter in color than the other sorts, and is retained on the plants for a long time during winter. The black berries remain on the bush all winter, and are quite ornamental.

6088 Extra strong, 3 feet, per 10 \$2.00, per 100 \$15.00.

6089 Extra Strong, 3-year-old, 4 feet, per 10 \$2.50, per 100 \$20.00.

PRUNUS

6093 **Rich Persian Purple-leaved Plum (*Cerasifera*)**—This fine purple-leaved Shrub retains its deep color throughout our warmest weather, and keeps its leaves until mid-winter. The leaves when young, are a showy, pinkish purple, deepening in color toward the end of the season. The small, single white flowers cover the entire Shrub when in bloom. Each 75c, per 10 \$6.25.

6095 **Double Flowering Plum (*Triloba*)**—A beautiful Shrub of medium height, bearing in early spring semi-double delicate pink flowers, over an inch in diameter. Bushes, 2½ feet, each 50c, per 10 \$4.25.

SMOKE TREE

6097 **Smoke Tree (*Rhus Cotinus*)**—A low, shrubby tree, covered in midsummer with large clusters of feathery flowers, giving the appearance of a cloud of smoke or mist. Extra, 3 feet, each 60c, per 10 \$5.25.

JAPANESE SNOWBALLS

6131 **Japanese Snowball (*Plicatum*)**—A handsome Shrub with showy flowers in June. Beautiful foliage. The large globose flower clusters are 3 to 4 inches across, and consist wholly of sterile radiant flowers of purest white. Very highly recommended. Hardy in Ontario, but should be protected from piercing winds in colder sections. Strong bushes, each 75c, per 10 \$6.00.

6127 **Snowball or Guelder Rose (*Opulus Sterile*)**—A grand hardy Shrub with handsome showy flowers produced in large globular clusters. All of the flowers are sterile and radiant, and appear in numerous compact balls in May and June. An old time favorite, and without doubt one of the best flowering Shrubs. Hardy in the North West. Strong bushes, 4 feet, each 60c, per 10 \$5.25.

GOLDEN ELDER

6105 **Sambucus Aureus**—One of the most beautiful ornamental Shrubs known. The foliage is a beautiful golden yellow, and shows equally to advantage either as a single specimen plant, planted in masses, or contrasted with other Shrubs. Produces white, showy flowers in July. Each 50c, per 10 \$4.25.

SNOWBERRY

Small Shrubs that are much used in shaded places and in mass planting. They grow well in almost any soil; are quite hardy and very ornamental, especially so when covered with berries in fall and winter.

6121 **Symphoricarpos Racemosus (Snowberry)**—Small white pinkish flowers, succeeded by abundant white berries that last a long while during late fall and early winter. Strong bushes, 2 to 3 feet, each 50c, per 10 \$4.25.

TAMARIX

Shrubs of strong, but slender, upright growth, clothed with foliage as light and feathery as that of the asparagus. Their delicate fringed flowers are usually some light shade of pink or red. They are hardy in Ontario and are very ornamental at the back of shrubbery borders.

6125 **Odessana (Caspian Tamarix)**—Pink flowers borne in loose panicked racemes. It blooms the latter part of the summer and is valued on this account. Extra 4 to 5 feet, each 60c, per 10 \$5.25, prepaid.

JAPAN QUINCE

Hardy Shrubs with handsome flowers. They are invaluable for border or garden planting, and make beautiful informal or clipped hedges.

6092 **Pyrus Japonica**—A single Shrub on the lawn is very attractive; dazzling scarlet flowers, among the first in May. Valuable for ornamental hedges. Bushes, 2 feet, each 50c, per 10 \$4.25, prepaid.

WEIGELIA

Beautiful Shrubs that bloom in June and July. The flowers are produced in so great profusion as to almost entirely hide the foliage. They are very desirable for the border for grouping, and also as specimen plants for the lawn. Strong bushes, 3 feet, each 60c, per 10 \$5.50.

6135 **Rosea Variegata**—One of the most conspicuous Shrubs; leaves beautifully margined creamy white; flower pink. A dwarf grower and admirably adapted to small lawns or gardens.

6137 **Eva Rathke**—A charming new Weigelia. Flowers brilliant crimson; flowering throughout the summer. The best of all Weigelias.



6118 **Spirea—Van Houttei**.
Strong bushes each 75c., per 10 \$6.00.



SELECTED SEED GRAIN

"A CHANGE OF SEED GRAIN ALWAYS PAYS"

BARLEY

O.A.C. 21 (Six Rowed).—This is a selection of the Mandscheuri variety sent out by the Ontario Agricultural College, Guelph, and is one of the best varieties of six-rowed Barley in cultivation.

MANDSCHEURI (Six-Rowed).—An old standard variety and preferred by many farmers to any other sort. It has given an average yield of over sixty bushels per acre.

DUCKBILL (Two-Rowed).—The best among all varieties of two-rowed Barley. Has splendid straw and stands up well in all kinds of weather.

BLACK HULLESS.—For feeding purposes this variety is an excellent substitute for Peas and is yearly gaining in popularity.

WHITE HULLESS.—This variety is strictly a feeding sort. It has a grain like that of wheat. In feeding value it is almost equal to wheat and the yield is nearly twice as large. The straw is heavy with good leaves, and when cut green makes good hay. Our seed is grown in the far Northwest and is heavy, fine, bright and very free from hulls. This variety never runs entirely true to type.

BUCKWHEAT

RYE OR ROUGH.—While this variety has given a higher yield of Grain per acre than any other varieties at the O.A.C., it is not extensively grown in Ontario but is produced to a more considerable extent in the Maritime Provinces. We do not recommend it.

JAPANESE.—The kernel of this variety is quite dark in color and slightly larger than other varieties. It matures about a week earlier than silver Hull.

SILVER HULL.—A standard variety for general cultivation. Gives a good yield per acre and is generally popular wherever grown.

OATS

NEW BANKER.—Introduced by us 2 years ago for the first time and has given splendid returns wherever grown. All points considered we believe this new Oat to be well worthy of a trial by all progressive farmers. For producing heavy grain, thin, bright yellow hull splendid stooling quality and adaptability to great diversity of soil and climates, it is unquestionably the best introduction of recent years. Being one of the earliest Oats to ripen, it is most valuable in districts where earliness is so important. While it is a cluster-headed Oat, it is the nearest to a side or mane Oat we have seen for some time. Farmers being troubled with Oats "lodging" in the field can select New Banker without the slightest hesitation. The straw is very strong and invaluable, withstanding storms.

VICTORY OATS.—Canadian grown seed, raised from imported Swedish stock. The best varieties for Canadian conditions. Put out by the Swedish Society for the improvement of seed. The result of twenty-five years of scientific seed breeding. In season it is like Swedish Select. The grain is of medium size, white, broad and nearly beardless. The straw is very stiff and firm.

EARLY YIELDER.—This splendid variety is undoubtedly one of the heaviest cropping white Oats ever offered. It is practically immune from rust and is one of the earliest and most bountiful croppers of the heavy growing sorts. Handsome, plump, meaty white grain, weighs 44 lbs. to the measured bushel. Being a deep rooter it resists drought more easily than others. A most valuable Oat for general cultivation.

BUMPER KING.—This variety does very well on ordinary soils, and extraordinary yields have been reported when grown on well cultivated land. The Oats are heavy and handsome in appearance. The heads are of branching type and the straw is quite stiff and wiry and not inclined to lodge.

O.A.C. NO. 3.—This is a selection of the early Daubeney Oat and while the grain is somewhat lighter in weight than other varieties, for an extra early Oat, it is unquestionably the best in cultivation.

O.A.C. NO. 72.—Is a splendid yielder. Has long, strong straw and the grain has a very thin hull. Introduced by the O.A.C. and has given splendid all round satisfaction.

REGENERATED ABUNDANCE.—A better strain than the "Ordinary Abundance. For the past eight years this variety has given excellent satisfaction. A great yielder with thin hull and the heavy grain is of nice shape and of the finest milling quality.

AMERICAN BANNER OATS.—We offer a splendid stock of this favorite northern variety. This variety is extremely early, productive and uniform in ripening. The straw is long, the grain, thick white, and the hull is thin. Our stock is entirely free from rust or smut. Sample weighs over 40 lbs. per bushel.

FIELD PEAS

CANADIAN BEAUTY.—A selection of large, White Marrowfat Field Peas, and in most sections is reliable, and has given splendid results. The straw is strong but not coarse and of good quality.

MAPLE PARTRIDGE—BRITTANY.—This excellent feeding Pea came originally from England. It has been tested in Canada by careful growers who pronounce it good yielding and proof against the destructiveness of the bug. Makes excellent food. The seed is slightly smaller than Canadian Beauty and of brown color. Has yielded upwards of 40 bushels of grain per acre.

CANADIAN BLUE.—This is a most popular Blue Pea. Is quite early and one of the heaviest yielding and best strawed varieties in the entire list.

GOLDEN VINE.—Standard small field Pea and much preferred by farmers to any other sort.

WHITE-EYED MARROWFAT.—Hardy, strong and vigorous, broad, thick, leathery pods, borne near the top of the vine.

BLACK-EYED MARROWFAT.—While growing resembles closely the preceding, but the mature seed has distinct black eye.

SPELTZ
EMMER.—Is about equal to Barley for feeding purposes. Thrives fairly well on poor land. Is relished by stock and ripens early.

WHEAT

MARQUIS (Bald).—Ripens earlier than Red Fife and as a milling wheat it is identical in quality, if not superior to any other known Wheat. The heads are bald, kernels dark red, hard and of good size. The chaff is yellow and the straw medium in height and very stiff. A yield of 53½ bushels to the acre is recorded.

RED FIFE (Bald).—Early, vigorous, highly productive. Our seed is carefully selected and of specially high grade.

WILD GOOSE (Bearded).—Somewhat coarser grain than other varieties, but it is very hardy and has produced immense yields throughout Eastern Canada. Farmers who have not been successful in growing other varieties, of Wheat should try this sort.

MACARONI OR DURUM.—We have true and carefully selected stock of this now famous introduction of the U.S. Dept. of Agri. Best for dry districts.

SPRING RYE.—A good catch crop, as it may be sown later than most grains. Not so good a yielder as Winter Rye. Sow about 1½ bushels per acre.

SELECTED SEED CORN

Bigger Yields from
Pure Bred Seed Corn

Be sure to start right with dependable seed.

We were long ago convinced that pure bred seed corn of the standard varieties would produce more than either nondescript off-type corn or pure bred corn that had been allowed to run out or become mixed with inferior type. Pure bred corn will surely mix unless it is kept isolated.

Extra Early Flint Seed Corn

For Northern Planting

In Eastern Canada and in the more northerly part of this country, Flint Corn is preferred to Dent varieties, as it is earlier, hardier, and will grow under adverse circumstances, mature quickly and under favorable conditions yield immensely. All are perfectly acclimated to our Northern conditions, which mean cool nights and short summers.

Compton's Early—An extra early variety, matures in 100 days, and produces large ears, which average 10 inches long and are 12 to 14 rowed. The ears are well filled to the tips with small, rich golden yellow kernels. The stalks grow 10 feet high, and often produce 2 and 3 ears each. This is a very productive variety, and has yielded 75 bushels per acre and more. A splendid Corn for the North.

Longfellow Flint—The ears are from 10 to 15 inches long, $1\frac{1}{2}$ to $1\frac{3}{4}$ inches in diameter. The cob is small, kernels large and broad. This Corn is adapted to the North, and is said to have produced 200 bushels of ears to the acre. Stalks $7\frac{1}{2}$ feet high, ears 8-rowed, of glossy yellow color, and set about 3 feet from the ground.

Northern Prolific (8-Rowed)—Ripens in 100 days, and yields surprisingly large quantities of Corn on small cobs. The cob is the smallest of all Yellow Flint Corns. The Corn is a beautiful rich golden color.

North Dakota (8-Rowed)—A grand white Flint variety. Matures early, yields enormously, produces a larger number of good ears and a smaller number of poor ears than any other variety.

Improved King Philip (Extra Early Red Flint)—An extra early variety and one of the most reliable. The stalks grow 7 feet high, are very leafy, and therefore very valuable for fodder. The ears are 8-rowed, 10 to 12 inches long; the kernels are of shiny red color.

Angel of Midnight—Begins to ripen early. It is an early yellow Flint Corn. Longest ears, 14 inches; 8 rows over 60 kernels in a row, kernels large, broad yellow, flat.

Sanford's White—Very large ears, 12 to 15 inches long, of symmetrical shape and flinty white color. The stalks are tall, leafy and generally with 2 or 3 ears. Largely grown by dairy farmers in the East. A medium late variety. Extremely popular in Lower Canada.

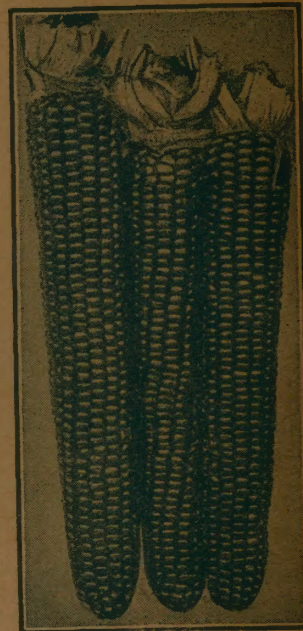
A pound of any sort **30c**, prepaid.
See Farm Price List for prices in bushel lots.

NORTHWESTERN RED OR SMOKY DENT

Originated in North Dakota, it is the earliest and hardiest Dent Corn grown, and can be depended upon to mature every season in Northern Ontario, Manitoba, Saskatchewan and Alberta, even when all other Corns fail. The stalks grow about $6\frac{1}{2}$ feet high, and the ears are borne over 3 feet above the ground, allowing the use of a Corn harvester. The ears are of good size, from 7 to 10 inches long, have a thin cob, and 10 to 14 rows of very deep, large kernels of red color with a yellow cap, but there is some variation in the color, as in the type. North-Western Dent is a very productive variety; we have often harvested 75 to 85 bushels per acre. It matures in 85 to 95 days, according to the season. Lb. **30c**, prepaid. For bushel prices, see Farm Price List.



Northern Prolific Corn

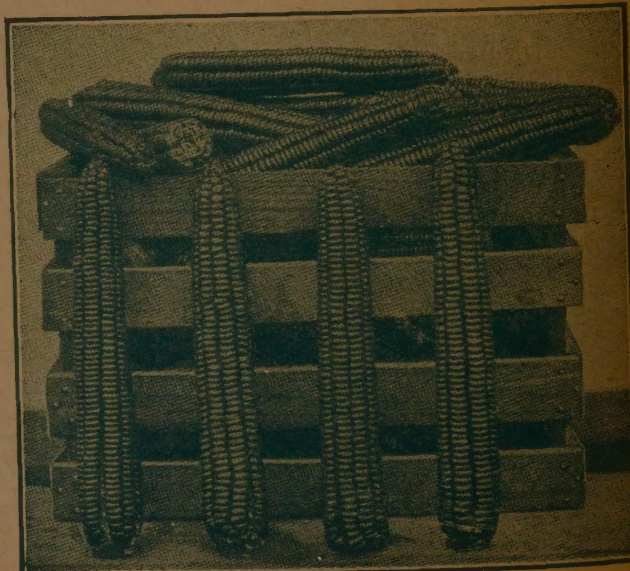


Compton's Early Flint

CORN versus ROOTS

The tendency of late years has been a larger area of Corn for ensilage and less Field Roots, but with the return of "Men to the Land" labor will cease to be a problem and crops of Field Roots will be increased.

Progressive Farmers always provide full cellars of Sugar Beets, Mangels and Swede Turnips—and we believe it is in the best interest of every farmer to grow plenty of Field Roots in addition to a liberal acreage of Corn for his live stock.



Longfellow Flint

DEDUCT 10c. PER POUND FROM ABOVE PRICES IF ORDERED BY EXPRESS AT YOUR EXPENSE



Select Wisconsin No. 7. Price per lb. 30c, prepaid

WISCONSIN No. 7 WHITE

Select Wisconsin No. 7 (Grown in Canada)—The ability of Wisconsin No. 7 White Dent Corn to mature early and produce large crops is due entirely to its breeding and selection—work which we have conducted for many years. It is the largest eared, extra early Corn grown in Canada, the ears averaging at husking time nearly, not quite, one pound. It has given the greatest average yield of any early corn we have ever grown. In field tests with other leading varieties planted under precisely the same conditions, and given the same treatment, it has averaged a very much greater crop than any of the other varieties. The constitution of the corn is such as to resist extremes of weather to the last degree, and we offer it with the conviction that it will prove a sensation with all those who want an extra early white corn.

Description.—Cobs pure white, of medium size, cylindrical; butts slightly swelled. Matures in 100 days. Lb. 30c, prepaid. For Bushel prices, see Farm Price List.

IMPROVED LEAMING CORN

Improved Leaming is a Corn that is known as **The Feeder's Friend**. For cattle, hogs and sheep there is none better. Rich in both protein and oil, it becomes the ideal from a feeder's stand point. The cob is more readily crushed and masticated by cattle than most varieties.

In dairy districts, for ensilage purposes, **Our Improved Leaming** is unsurpassed. Possessed of an abundance of foliage, with broad, fine quality of leaves, and heavy stalk. 20 to 25 tons of ensilage per acre is an average yield. **Large ears on heavy stalks** produce many bushels to the acre, and while this corn is recognized as a great ensilage and feeding corn; it is also a big yielder of grain under our modern methods of selection and breeding. It is of a rich yellow color, and requires 90 to 100 days to fully mature. Lb. 30c, prepaid. For Bushel prices, see Farm Price List.

GOLDEN GLOW CORN

Grown in Canada. The commanding points of excellence which place Golden Glow Corn at the head of all Yellow Dent varieties for Northern planting are its earliness, enormous productiveness, and its adaptability to a great variety of soils and climates. This corn is very firm and solid. The ears will average about one inch shorter than Yellow Dent; in other words, it is an Early Yellow Dent. For late replanting this corn is invaluable. Lb. 30c, prepaid. For bushel prices, see Farm Price List.

White Cap Yellow Dent.—We have grown this Corn for many years, and it has always proved a great yielder and very early in the season, thus proving its growing popularity. Lb. 30c, prepaid.

Bailey Yellow Dent (Ontario Grown).—This variety is an extra early, beautiful Yellow Dent Corn. For early-feeding, Bailey Yellow Dent has no equal. We thoroughly recommend this variety, as it is the one thing the average farmer requires—an early maturing Corn—and it will make good ears when closely planted in drills. Lb. 30c, prepaid. For bushel prices, see Farm Price List.

Pride of The North (Grown in Canada).—A dependable Early Yellow Dent Corn. In some sections of Canada it equals other varieties in yield and quality, the stalks being short-jointed and leafy. Two or more well-developed ears on a single stalk; kernels very deep and closely set on the ear; stalks about 8 feet. Lb. 30c, prepaid.

Evergreen Sweet Fodder.—One of the most valuable varieties grown, splendid for fodder, excellent for canning or table purposes. Cattle seem to prefer it to any other dry or silage feed, and will devour it, leaf and stalk. The sweet, juicy stalks give it a flavor that is relished by animals, and dairy farmers claim it will add to the cream production and increase the flow of milk. Lb. 45c, prepaid. See Farm Price List for Bushel Prices.

High Grade Recleaned Fancy Grass Seeds

Make Best Lawns and Pastures

Our endeavor is to handle only the very best and purest grass seeds. Our fancy grasses for lawns and golf courses, as well as our standard farm species, are direct from the producers and are the very best samples the market and season afford. We supply only the best and highest germinating seed and our prices are based on supplying this quality. We cannot, therefore, nor do we wish, to compete with half-cleaned, mixed and graded seed offered at cheaper prices.

TIMOTHY (*Phleum Pratense*)—The most important agricultural grass for the Middle States and thrives best on rich soils. It is not suited for permanent pasture, but is the best grass known here for haymaking purposes. It is temporary and lasts only a few years, and is a part of the usual crop rotation. Sow $\frac{1}{2}$ bushel to the acre alone, or 8 to 10 quarts if used with other grass seeds. 48 lbs. to the bushel. Fancy Seed; b. 30c, 10 lbs. \$2.50, prepaid.

RED TOP GRASS (*Agrostis Alba*)—This grass is especially adapted to moist soils, it will root where other fine grasses would fall. It is recognized by leading farmers and stock men as one of the most valuable grasses for pastures and meadows.

As hay, if not as nutritive as Timothy but grown for hay and then pastured, it has no equal. Sow in spring or fall with or without a nurse crop. One bushel of chaff or unhulled Red Top, or one-half bushel of fancy seed is enough to sow an acre. For lawn mixture with other grasses it is in great demand. This fine grass makes a dense and resilient turf.

Extra Fancy re-cleaned solid seed (32 pounds per bushel), lb. 55c, 10 lbs. \$5.00, prepaid.

Unhulled (bushel, 14 lbs.), lb. 40c, 10 lbs. \$3.50, prepaid.

FANCY KENTUCKY BLUE GRASS (*Poa Pratensis*)—The best of all grasses for the lawn and pasture, particularly on limestone soils. All live stock like it and thrive and fatten upon it. It requires time to establish itself and should be grazed on lightly for the first two years. The time of sowing depends upon locality. In some sections Early Spring and again in June; others in the Fall is best. Sow 3 bushels (14 lbs. to bushel) per acre.

Our re-cleaned, the highest grade of this grass seed that perfect growing and careful cleaning can produce, is the best that can possibly be procured. It is pure and of high germination.

Fancy Seed, twice re-cleaned; high germination. Lb. 65c, 10 lb. \$6.00, prepaid.

CANADIAN BLUE GRASS (*Poa Compressa*)—A hardy grass with dense creeping root stalks. Adapted to all soils. Recommended for pasture and dairy use. Sow 3 bushels of seed to the acre in the Spring. (14 lbs. to the bushel.)—Price, Lb. 55c, 10 lbs. \$5.00, prepaid.

DWARF SCOTCH PERENNIAL RYE GRASS (*An Improved Perennial Rye Grass*)—It is a valuable lawn grass, especially where quick results are sought. Good for both pastures and meadows. The seed is heavy and very quick to start. Sow 50 to 60 lbs. to the acre. Lb. 40c, 10 lbs. \$3.50, prepaid.

ITALIAN RYE GRASS (*Lolium Italicum*)—Likes a rich, moist loamy soil where the grass does remarkably well and produces good hay and pasturage. Desirable for this purpose in temporary pastures. Develops very rapidly and remains green throughout the Winter. Valuable in lawn grass mixtures demanding immediate effect. Sow in spring 60 to 70 lbs. per acre. 18 lbs. to the bushel. Price, lb. 35c, 10 lbs. \$3.00, prepaid.

ENGLISH OR PERENNIAL RYE GRASS (*Lolium Perenne*)—Does very well in this country. Good for both pastures and meadows. Moist and rich clays or loams are the soils best suited to it. The seed is heavy and very quick to start. It is a valuable lawn grass, especially where quick results are sought. Sow in spring, 60 to 70 lbs. per acre. Extra heavy seed. Lb. 35c, 10 lbs. \$3.00, prepaid.

ENGLISH BLUE GRASS OR MEADOW FESCUE (*Festuca Pratensis*)—A native of Europe, it has become thoroughly naturalized here. The grass is a very permanent one and is especially valuable for permanent pastures where the soils are not too dry. In the West it has done especially well. Should be sown with other grasses, as it does not come to full bearing for two or three years. Our seed is choice American grown. Sow in spring. 20 lbs. per acre. Lb. 50c, 10 lbs. \$4.50, prepaid.

SHEEP'S FESCUE (*Festuca Ovina*)—A good grass for up-land pastures and for sandy and poor soils. Is very hardy and resists extremes of weather. It grows in tufts, but its fine foliage and dense growth permit its use for lawn purposes. Sow in Spring 35 lbs. to the acre; (12 lbs. to bushel.) Seed scarce. Lb. 75c, 10 lbs. \$7.00, prepaid.

CRESTED DOGSTAIL (*Cynosurus Cristatus*)—In all good lawn grass mixtures, it thrives in all soils, but best in rich moist soil. Makes smooth, close, fine, sward and in England is in demand for Putting Greens.

With Kentucky Blue Grass it gives splendid results; does well as a grass for shade, all good shade lawn grass mixtures should include a proportion of this. For lawn it should be sown in spring with other grasses, 5 lbs. to acre; (21 lbs. to bushel.) Lb. \$1.00, 10 lbs. \$9.50, prepaid.

HARD FESCUE (*Festuca Duriuscula*)—This grass does well in sandy pastures. Is a slender, and very tufted perennial, a dwarf form of Sheep's Fescue. A good grass for resisting drought. Of fair value as a lawn grass, and must be sown very thickly on account of its forming tufts. Sow in Spring 30 lbs. to the acre; (12 pounds to bushel.) Seed scarce. Lb. 75c, 10 lbs. \$7.00, prepaid.

CREeping BENT GRASS (*Agrostis Stolonifera*)—The long creeping stems and spreading habit of this splendid grass make it ideal for Golf Links putting greens; it makes a lasting turf that withstands hard usage.

The leaves are fine and develop a dense growth, making it valuable for bottom lands and slightly sandy soil. Makes excellent hay and splendid pastures. (14 lbs. to bushel.) Sow in Spring 50 lbs. to acre. Lb. \$1.25, 10 lbs. \$12.00, prepaid.

RHODE ISLAND BENT GRASS (*Agrostis Tenius*)—This valuable lawn grass resembles "Red Top" in appearance but has shorter leaves; it makes a fine colored, close turf, and adapts itself readily to any soil, in which respect it also resembles "Red Top."

It is much in use in the New England States, for lawns and permanent meadows and pastures; for these it is very valuable. For lawns, sow in Spring 3 to 4 bushels per acre. (14 lbs. to bushel.) Lb. \$1.25, 10 lbs. \$12.00, prepaid.

CRESTED FESCUE (*Chewings*)—A very valuable lawn grass especially for Golf Links, as it forms an even and compact sward. Does fairly well in shade, and should be a constituent of all good lawn mixtures. Good for pastures. Lb. \$1.25, 10 lbs. \$11.00, prepaid.

RED OR CREEPING FESCUE (*Festuca Rubra*)—An excellent bottom grass for pastures and especially for those which are quite shaded. For a lawn is unsurpassed and should be included in all shade mixtures. Sow in spring 30 lbs. per acre; 14 lbs. to the bushel. Lb. 90c, 10 lbs. \$8.50, prepaid.

AWNLESS BROME GRASS (*Bromus Inermis*)—Successful on acid soils, very strong, thick growth, making two big crops. Cut in bloom, it nearly equals Timothy. It prevents washing on banks of streams; is hard to eradicate—fine pasture. Sow in Spring, extra cleaned seed. 2 bushels per acre, (14 lbs. to bushel.) Lb. 45c, 10 lbs. \$4.00, prepaid.

TALL MEADOW OAT GRASS (*Avena Elatior*)—An excellent meadow grass for winter grazing, and hay for Southern States and dry climates; should be sown with other grasses as it does not alone form a compact turf. Sow in Spring or Fall 3 bushels per acre. (14 pounds to bushel.) Lb. 95c, 10 lbs. \$9.00, prepaid.

MEADOW FOXTAIL (*Alopecurus Pratensis*)—A mixture for any permanent pasture should contain a sample of this grass, which is valuable for moist meadows and pastures, particularly the latter. It does not reach maturity for 2 or 3 years, therefore it is not sown alone.

Sow in Spring 2 to 3 lbs. per acre with other grasses. Lb. \$1.00, 10 lbs. \$9.50, prepaid.

ORCHARD GRASS (*Dactylis Glomerata*)—One of the most valuable Grasses; in mixtures, either for pasture or hay. Ready to cut for hay before Timothy. Wet soils do not suit it. Not recommended for lawn mixtures as it grows in tufts and leaves bare spots. Sow in Spring, 20 to 25 lbs. of seed per acre. 14 lbs. per bushel. Lb. 55c 10 lbs. \$5.00, prepaid.

WOOD MEADOW GRASS (*Poa Nemoralis*)—In Northern and Middle States this is the best of all lawn grasses for deep shade. Very hardy and a perennial. Its creeping roots establish a lasting, even and deep green turf. On dry rich soils it makes good pasturage and hay, but is usually too expensive to sow. Sow in spring, 30 to 35 lbs. per acre. 14 lbs. to the bushel. Lb. \$1.25, 10 lbs. \$12.00, prepaid.

SUDAN GRASS A new forage plant closely related to the cultivated sorghums; of value particularly in the dry Middle West sections as to drought-resisting hay crop. In the Eastern and Central Northern sections should be tried as a substitute for millet, as the crop is larger and has better feeding value. Care should be exercised as with cane and other sorghums in turning cattle on to second growth. Seed of high germination and free of weed seeds. Lb. 40c, 10 lbs. \$3.50, prepaid.

Culture of Sudan Grass—Sudan grass may be grown either drilled, in cultivated rows, or broadcast. If planted in cultivated rows, the rows should be as close as possible and yet permit of easy cultivation. In 30-inch rows, 3 to 4 pounds of seed per acre is ample, and under conditions of low rain fall this method is recommended. Under irrigation, 18-inch rows are preferable, and 4 to 6 pounds of seed per acre is sufficient.

For broadcasting, 20 pounds of seed per acre should be used. The seed should not be sown until the ground is warm, that is, about the time for planting corn. The young plants will withstand slight frost without injury.

OUR CLOVERS

Sown by the most critical farmers everywhere. For many years, as seedsmen to the best Canadian farmers, we have given the closest attention to the re-cleaning of Clover and Timothy Seeds.

REGARDING CLOVERS

Do not omit to sow Clovers with the Grasses, as they add to the yield of hay and pasture and by their ability to collect atmospheric nitrogen and store it in the root nodules, assist the growth of the Grasses and are of considerable benefit to subsequent crops.

FANCY MEDIUM RED CLOVER

Sow the cleanest, highest germination seed you can find. Our seed is the purest and highest testing seed obtainable and we are at all times willing to submit samples from identical lots of seed. Sow 8 to 10 pounds to the acre.

Fancy Seed, lb. **55c**, 10 lbs. **\$5.00**, postpaid.

MAMMOTH RED CLOVER

Should be included in all permanent grass mixtures, especially on heavy and medium soils. Flowers later than Medium Red Clover, is hardier and not so liable to winter kill. It produces an abundance of Clover hay of the very best quality and always secures the best market prices.

Sow in the spring 8 to 10 lbs. seed per acre. Fancy Seed, lb. **60c**, 10 lbs. **\$5.50**, postpaid.

ALSIKE OR HYBRID CLOVER

Thrives well on damp soils or in situations where it is impossible to secure a catch of Red Clover. Because the seed goes so much further than Medium Red and because of its comparatively reasonable price this year, many farmers are giving Alsike the preference. Sow 5 to 6 lbs. per acre in spring.

Fancy Seed, lb. **45c**, 10 lbs. **\$4.00**, postpaid.

ALFALFA OR LUCERNE

Of this most valuable of farm crops, when a stand has been secured, permanent crops are assured; this is one of its great, strong points which makes it an economic certainty. Its value for all stock, especially dairy cattle, has been an ascertained fact with agricultural authorities for years, and up-to-date farmers are fully alive to its many advantages. Note—

1. Land should be well prepared, soil ploughed deep, cultivated and freed from weeds; made like onion bed; compacted before sowing—seed should be drilled if possible, or lightly covered.

2. Inoculate Land for first planting to Alfalfa, with soil from old alfalfa field or from roots of Sweet Clover, half wagon load to acre.

Nearly all soils should be given two to five tons per acre of ground limestone. Alfalfa thrives in limestone soil; or use our Nitro-Culture.

Nitro-Culture.—Only one size culture is prepared, each one containing ample bacteria to inoculate one bushel of seed, the equivalent, in the case of Alfalfa, of three acres. The entire culture may be used on less than a bushel of seed without harm. The cultures are good for six months after being made. They are sent by mail with full directions for inoculating the seed price **\$1.20**, per culture to purchasers of Alfalfa Clover.

3. Use Canadian Grown Acclimated Seed.

4. Season. June first to middle of July, but successful sowing may be made in April, May and June.

THE GRIMM OR EVERLASTING ALFALFA

has obtained a reputation for productiveness and hardiness all through the Northwest. We offer genuine Grimm Seed from an inspected field in So. Dakota. Our customers for Alfalfa in the North who wish to make a beginning will make no mistake in using this—order early as the true stock is limited. Lb. **80c**, 10 lbs. **\$7.50**. Prepaid.

Canadian Grown Alfalfa.—The Hardest Alfalfa Clover grown and especially recommended by the Agricultural Department at Ottawa and Guelph. The seed we offer is Canadian grown, and without exception the finest obtainable. Stock limited. Lb. **55c**, 10 lbs. **\$5.00**, prepaid.



WHITE CLOVER

This variety is extremely valuable for permanent grass mixtures or those prepared for grazing land. It will stand more grazing than any other Clover. As the growth is short it has no value in a hay crop. Much used in lawns. Crop short. Sow in spring, 3 to 4 lbs. per acre.

Extra Fancy Seed—Lb. **90c**, 10 lbs. **\$8.50**, prepaid.

Choice Seed, clean but not as bright as the above; lb. **80c**, 10 lbs. **\$7.50**, prepaid.

CRIMSON CLOVER

Erect growing annual with long narrow and pointed flower heads. Grown extensively in the East for turning under to improve the soil. Produces a hay crop of excellent feeding value but requires to be cut in full bloom to obtain the full value of the nutriment. Sow in August or September, 15 lbs. per acre. Lb. **35c**, 10 lbs. **\$3.00**, prepaid.

WHITE BLOSSOM SWEET CLOVER

Sweet Clover—White Blossom (*Melilotus Alba*).—Sweet Clover is grown for bee, for hay, for green forage, for its value as a pasture plant, and as a soil fertilizer and restorer. It gives promise of becoming a rival of Alfalfa on many soils. Lb. **35c**, 10 lbs. **\$3.00**, prepaid.

ANNUAL WHITE SWEET CLOVER

Guaranteed Seed of the Hubam or Hughes Variety

This Annual White Sweet Clover discovered by Prof. Hughes of the Iowa State Experiment Station at Ames makes its full growth and produces seed in one season. It compresses the usual 3-year rotation of wheat, corn, and clover into two years. It can be sowed with small grain and cut for hay or seed later in the year. It can be planted at the last cultivation of a row crop and give a fine covering to plow under.

We have a small quantity of this seed. Write now before supply is exhausted. Lb. **\$1.25**, 10 lbs. **\$10.00**, prepaid.

FARM SEEDS AND SEED GRAIN

offered by J. A. SIMMERS, Limited, Toronto, Ontario

TORONTO, CANADA, JANUARY 15th, 1923.

All prices quoted on this page are present values and subject to change without notice, and provided our stock is unsold. Customers may rely on receiving very lowest prices current at the time their orders are received.

TERMS—As the prices are NET CASH, remittance must accompany all orders, and sufficient be allowed for bags. We do not pay freight on Seed Grain unless by special arrangement.

COTTON BAGS—Best Quality, 55c each; 2nd Quality, 50c each; 3rd Quality, 40c.

JUTE BAGS—25c each

RED CLOVER

	Bush.		
	10 lbs.	60 lbs.	100 lbs.
RED, Medium or Early			
High Grade No. 1.....	\$3.40	19.20	\$32.00
No. 1.....	3.20	18.00	30.00
No. 2.....	3.10	17.40	29.00
No. 3.....	2.80	15.60	26.00
MAMMOTH CLOVER			
or Large Late Red.			
High Grade No. 1.....	3.50	19.80	33.00
No. 1.....	3.30	18.60	31.00
No. 2.....	3.20	18.00	30.00
No. 3.....	2.90	16.20	27.00
ALSIKE CLOVER			
High Grade No. 1.....	2.50	13.80	23.00
No. 1.....	2.30	12.60	21.00
No. 2.....	2.20	12.00	20.00
No. 3.....	1.90	10.20	17.00
ALSIKE AND TIMOTHY			
Mixed.....	1.50	7.80	13.00
WHITE DUTCH LAWN CLOVER			
Best High Grade.....	8.40	49.20	82.00
Special High Grade.....	8.20	48.00	80.00
Second Grade.....	4.70	27.00	45.00
Third Grade.....	3.70	21.00	35.00
WHITE AND ALSIKE			
Mixed.....	2.70	15.00	25.00
ALFALFA CLOVER			
(Lucerne)			
High Grade No. 1.....	2.80	15.60	26.00
Turkestan No. 1.....	2.60	14.40	24.00
Canadian Grown			
No. 1.....	3.40	19.20	32.00
Grimm's Alfalfa.....	5.20	30.00	50.00
SWEET CLOVER			
White Blossom High Grade			
No. 1.....	1.50	7.80	13.00
White Blossom (Special)			
No. 1.....	1.40	7.20	12.00
White Blossom, (Fair) No. 2	1.30	6.60	11.00
White Blossom No. 3.....	1.20	6.00	10.00
SUNDRY CLOVERS			
Crimson.....	2.20	12.00	20.00

NITRO-CULTURE

Bacteria Culture for inoculating Alfalfa, Clover and all other legumes. State the crop to be inoculated when ordering.

Price, acre size can \$1.20; ½ acre size..... 60c

TIMOTHY

	Bush.		
	10 lbs.	48 lbs.	100 lbs.
High Grade No. 1.....	1.70	7.20	15.00
No. 1.....	1.50	6.24	13.00
High Grade No. 2.....	1.40	5.76	12.00
No. 2 Govt. Standard.....	1.30	5.20	10.75
No. 3.....	1.20	4.80	10.00

HUNGARIAN MILLETS, ETC.

	Per	
	10 lbs.	100 lbs.
Hungarian, Choice.....	\$0.80	\$6.00
Millet, Common, Choice.....	.80	5.75
" Golden.....	.80	6.00
" Siberian.....	.80	5.75
" Japanese or Barnyard.....	1.20	10.00
" Hog or Early Fortune.....	.95	7.50
" White Wonder.....	1.05	8.50

KARSWOODS Makes Hens Lay

Poultry Spice, Karswoods—2-oz. Pkg., each.....	.15
Poultry Spice, Karswoods—8-oz pkg., each.....	.35
Poultry Spice, Karswoods—16-oz pkg., each.....	.65
Poultry Spice, Karswoods—7-lb. pkg., each.....	\$4.00

GRASSES

	10 lbs.	100 lbs.
Orchard Fancy.....	\$3.20	\$30.00
Orchard, Choice.....	3.00	28.00
Kentucky Blue, Extra Fancy.....	4.60	44.00
Kentucky Blue, Choice.....	4.40	42.00
Canadian Blue, Extra Fancy.....	3.20	30.00
Canadian Blue, Choice.....	2.85	26.50
Red Top, Extra Fancy.....	3.90	37.00
Red Top Grass, Fancy.....	3.70	35.00
Red Top, Choice.....	2.90	27.00
Dwarf Scotch Perennial Rye Grass.....	2.50	23.00
English Perennial Rye Grass.....	2.00	18.00
Italian Rye Grass.....	2.30	21.00
Meadow Fescue, Fancy.....	2.70	25.00
Bromus Inermis.....	2.70	25.00
Creeping Bent.....	11.70	115.00
Crested Fescue.....	10.20	100.00
Crested Dogtail.....	7.20	70.00
Rhode Island Bent.....	11.70	115.00
Sudan (very heavy cropper).....	2.50	23.00

PERMANENT PASTURE MIXTURES

(For all lands)

Medium Soils.....	\$3.40	\$32.00
High, Light, Dry Soils.....	3.40	32.00
Moist, Heavy, Rich Land.....	3.40	32.00
Orchards (Shady Places).....	3.40	32.00

FODDER PLANT SEED

Cow Peas.....	\$1.25	\$10.50
Kaffir Corn.....	.85	6.50
Sunflower, Recleaned for Seed.....	1.50	13.00
Sorghum (Sugar Cane).....	1.05	8.50
Soy or Soja Beans.....	1.25	10.50

DWARF ESSEX RAPE

Sowing Rape, Imported Dwarf		
Essex.....	\$1.50	\$13.00
Sowing Rape, Dwarf Essex (True		
English).....	1.60	14.00

TARES OR VETCHES

	Bush.
	60 lbs.
Bags Extra.....	
Spring Vetches (Black Tares).....	\$3.30 \$4.75
Winter or Hairy Sand Vetches.....	3.50 13.80

PURE SEED POTATOES

	Bush.
	34 lbs.
Bags Free.....	
Green Mountain.....	\$1.50
Irish Cobbler.....	1.50
Extra Early Eureka.....	1.50
Gold Coin.....	1.50

SEED GRAINS

SEED OATS

	Peck	Bush.
	34 lbs.	100 lbs.
Alaska.....	\$0.45	\$1.40
O.A.C. No. 3.....	.45	1.35
O.A.C. No. 72 (White).....	.45	1.35
Irish White.....	.45	1.35
Storm King (White).....	.45	1.35
American Banner White.....	.45	1.35
Abundance Regenerated.....	.45	1.35
Sensation White.....	.45	1.35

SEED BARLEY

	Peck	Bush.
	48 lbs.	100 lbs.
Black Hulless.....	\$0.70	\$2.40
Mandscheuri, Six-Rowed.....	.50	1.65
Duckbill, Two-Rowed.....	.55	1.85
O.A.C. No. 21.....	.50	1.65

SEED PEAS

	Peck	Bush.
	60 lbs.	100 lbs.
Canadian Beauty.....	\$1.00	\$3.50
Golden Vine.....	.85	2.75
Black Eye Marrowfat.....	1.00	3.90
White Marrowfat.....	1.00	3.90

SEED WHEAT

Wild Goose.....	.65	2.40
Marquis.....	.65	2.40
Red Fife.....	.65	2.40
White Fife.....	.75	2.60

BUCKWHEAT

	48 lbs
Silverhull.....	.55 1.65
Japanese.....	.60 1.90
RYE, SPRING—per bush. 56 lbs.	.65 2.25
SEED FLAX (Pure)—Bush. 56 lbs.	1.25 4.50
SPELTZ (EMMER)—Bush. 40 lbs.	.60 1.95

SEED CORN

Customers can always depend on our Seed Corn being the best obtainable.

FLINT SORTS

	Peck	Per.
	Bush.	Bush.
Angel of Midnight (Yellow).....	\$0.65	\$2.30
Compton's Early (Yellow).....	.65	2.40
Longfellow (Yellow).....	.65	2.30
Northern Prolific (Yellow).....	.65	2.35
North Dakota (White).....	.65	2.25
Sanford (White).....	.65	2.25
Improved King Philip (Red).....	.65	2.30

DENT SORTS

Ontario Bailey (Yellow).....	.60	2.10
Early Butler (Yellow).....	.60	2.10
Mammoth Cuban (Yellow).....	.60	2.10
Golden Glow (Yellow).....	.60	2.10
Early Huron Dent (Yellow).....	.60	1.95
Improved Leaming (Yellow).....	.60	2.10
Early Mastodon (Yellow).....	.60	2.10
Northwestern or Red Dent.....	.70	2.60
Pride of the North (Yellow).....	.60	1.90
Wisconsin No. 7 (White).....	.60	2.10
Silo King Yellow, white cap.....	.70	2.60
White Cap Yellow Dent.....	.60	1.85
Select Red Cob (White).....	.55	1.85
Giant White Ensilage.....	.55	1.85

FODDER VARIETIES

Leaming Fodder (Yellow).....	.50	1.70
Red Cob White Fodder.....	.50	1.70
Southern White Fodder.....	.50	1.70
Stowell's Green Fodder (Sweet per 100 lbs.).....	15.00	

NEW WHITE TOMATO "ALBINO"

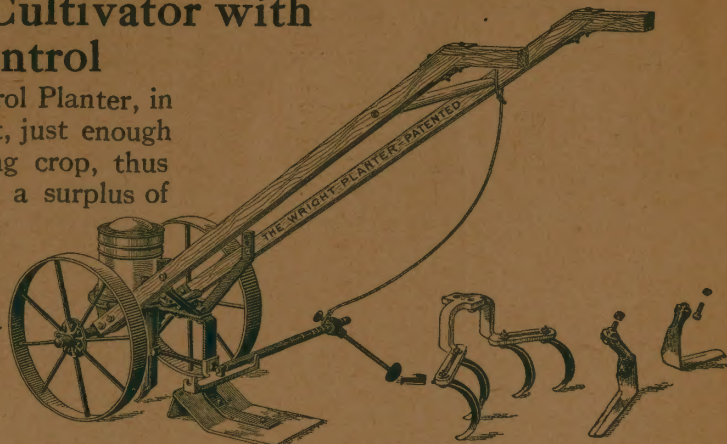
No. 424. This extraordinary novelty came as a sport, but comes absolutely true from seed now. The fruit is quite large, averaging nearly three-quarters of a pound each. Its color is absolutely white clear through; is most valuable for table use, and as it contains no acid it will become very popular, for thousands of people do not care to eat tomatoes on account of the acid. The flesh is solid and firm, and on this account makes a splendid shipper. No garden will be complete without this valuable addition. Pkt. 25c.; oz. \$2.00.

PRICES SUBJECT TO CHANGE—WRITE FOR LATEST LIST

THE WRIGHT GARDEN SEED PLANTER

An Efficient Planter and Wheel Cultivator with Force Feed and Positive Seed Control

This machine is so designed as to be a seed control Planter, in that a fixed number of seeds only are dropped per foot, just enough seed to assure a good growing stand for a maturing crop, thus mostly eliminating the tedious labor of hand-thinning a surplus of seed plants always occasioned by too thick sowing. Even the necessary pulling of weeds, if many, greatly disturbs the growing plants, and the removal of any unnecessary plants doubles labor and further gives a growth set-back to the remaining crop stand. All will agree to these undisputable facts.



ALMOST A SEED COUNTER

The Wright Planter is essentially a force feed machine and thus it is positive in action. It plants a continuous row of seed sufficient for a good crop stand, and is adjusted so closely in the matter of automatically dropping a fixed number of vegetable seeds per foot that it may well be classed as a fairly accurate seed-counting machine. There is always good seed, poor seed and bad seed and of course care in having good seed should be exercised in planting by any process. Using RENNIE'S SEEDS and the WRIGHT SEED PLANTER you are assured of the maximum returns from your planting.

LABOR-SAVING FEATURES

The labor saving features of the Wright Planter and Wheel Cultivator are such as would easily save to a user the entire cost of the combined machine in a single season in the planting and care of any considerable garden tract, and in the matter of field planting of such vegetables as beets, carrots, cabbage, head lettuce, onions, parsnips, etc., it would save to anyone who might plant a one-half acre of the veg tables mentioned all the grief of too thick a stand and assure a very much better growth for a maturing crop, than can be had by the use of any other machine ever on the market.

The Wright Planter and Wheel Cultivator is a real farmer's friend, and it is now possible for a farmer to plant field vegetables for stock feed or the market, just as easy and with the same confidence as in sowing a field to small grain with a modern seeder, and with no more concern as to a perfect job of seeding. In fact no better work could be done by the most painstaking and skillful hand planting.

After going to the necessary labor of preparing a good seed bed for a vegetable crop, there is nothing more disheartening than to bring out an antiquated planting machine in which you have no confidence and undertake to regulate it to your needs, and never being sure of any of the adjustments you may make. In using a Wright Planter when the proper plate for the proper seed is in place no other adjustment can be made, and the machine positively feeds to the ground furrow a constant and regular average of only enough seed. It never clogs or congests seed, is always positive in action and it evenly and regularly distributes in the ground furrow a fairly accurate number of seed per foot all the time when in gear and being operated.

TESTIMONIAL LETTERS

Many testimonial letters have been received from users relative to the satisfaction given by the Wright Planter.

We reproduce a few of these hereunder.

August 6, 1921.

Gentlemen: You are to be commended for your courage and persistence in your efforts to design an implement that fills a decided requirement in the sowing of seed without undue waste, and especially irregularities of sowing. I have used the machine this season in seeding several varieties of vegetable seed, and found it very accurate and positive. The stand of resulted plants was excellent.—A. A. KELLY.

Dear Sirs: I wish to tell you of my experience with your new Planter, which I used this spring with the greatest success. I found that the plates planted almost perfectly true to the schedules furnished.—A. VANDERSPEK.

I planted about an acre of onions with your Planter, and can say you disk system of dropping seed is the best ever.—F. F. JENSEN.

The Wright Seed Planter is the most up-to-date Planter on the market to-day. It is not only a wonderful seed saver, but is likewise a great saver of labor. It has given universal satisfaction wherever used and cannot be equalled for accuracy of operation.

All machines are neatly boxed and so far set up that but a few minutes is required to complete them for immediate use.

PRICE \$18.50. CULTIVATING ATTACHMENTS \$4.00 EXTRA.

A GREAT SAVER OF SEED

The Wright Planter and Wheel Cultivator is in a class by itself. It is a conservator of seed, plant growth and labor. The seed control is a considerable saving, but it is not so large an item as the planting of just enough seed of any kind for a crop stand, and thus doing away with the tedious labor of thinning an overplus of vegetable plants. Much thinning greatly disturbs the growth of the plants that are left to mature, and the pulling of weeds alone is a mighty expensive job. As a Wheel Cultivator it is an ideal machine of this class and is also a genuine labor saving tool.

The Planter is readily converted to a wheel cultivator by removing the seed box, taking off the two nuts which secure the covering part to the planter frame and the unscrewing of the seed spout. There is then attached to the frame by the same two bolts a bracket that has been provided to support various cultivating tools. This bracket is neat and substantial, and is so slotted and shaped as to accommodate and rigidly hold cultivator points, weeding hoes, plows, etc.

All of the cultivating parts which go with the Wright Planter are made of a high grade steel that admits of tempering to withstand long and rugged use. They are of the nationally known "Standard" make, and it is not extravagant to say of them, "best in the world."

All working parts of the machine are warranted against unusual wear or breakage caused by actual use for a period of one year. Any such parts will be renewed on the return of a worn or broken piece. When in operation the Wright Planter is guaranteed to always drop seed evenly and regularly and in close registration with the seed table attached within the cover of each machine.

I have given the Wright Planter some severe tests the past two seasons and I find it satisfactory in every respect. It will do good work in rough or smooth ground, plant accurately, and is almost fool proof, as there is very little about the Planter to get out of order.—N. H. WRAY.

Dear Sirs: You may remember I purchased one of your Seeders this spring. I consider I made a very good investment, as the Seeder has given perfect satisfaction under every test I have put it to.—J. W. BRINKLEY, Montvale Farm.

Dear Sirs: I did not get to use your planter very much this season to give it a fair test, but I found it most satisfactory on everything I planted, such as lettuce, carrots, onions, turnips, etc. I would not care to go back to my old planter again.—C. A. NEWTON.

Wallflower.....
 Weigelia.....P.
 Whitlavia.....
 Wigandia.....
 Wild Cucumber.....
 Wild Flower Garden.....
 Wisteria.....P.

Xeranthemum.....

Zea Japonica.....
 Zinnia.....

J. A. SIMMERS LIMITED 147 KING ST. EAST
TORONTO, CANADA

147 KING ST. EAST
TORONTO, CANADA

Date.....192

Send order per ☐ Mail ☐ Express ☐ Freight

Mail
Express
Freight

FLAG STATIONS—If there is no freight agent at your station you must send extra money to prepay charges on freight shipments.

AMOUNT ENCLOSED

Exp. Order \$.

P.O. Order \$

Draft \$

Cash by \$

Registered Mail

Stamps \$

Amount	\$
--------	----

Name (Write Plainly)

Post Office (Write Plainly)

R. R. No.

Station or Express Office.

(Is Express Office Con-
venient? Yes or No?)

County

Province

J. A. Simmers, Ltd. give no warranty, expressed or implied, as to description, quality, productiveness, or any other matter of any Seeds, Bulbs or Plants they send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

[illegible]

**WE WILL GLADLY SEND YOU EXTRA ORDER FORMS IF REQUESTED
ALL LETTERS OF INQUIRY SHOULD BE ON SEPARATE PAPER FROM ORDERS**

SPRATT'S FOOD FOR DOGS

"The Backbone of the Canine Race"

The dog constitution needs a dog diet. Table scraps—toothsome and tasty though they may be—are not only totally unsuitable for the physical requirements of the dog but are more often than not a direct cause of unfitness. The conditions under which dogs are at present bred and reared make necessary a diet which will provide all the food elements contributing to the formation of bone and muscle, the building and storing up of energy, stamina, and vitality, and which will assist to maintain the highly organised canine brain.

For sixty years **Spratt's** have made dogs and their requirements the subject of continual observation and research; and today for every dog, old or young, healthy or sick, there is a **Spratt's Food** guaranteed to suit exactly his requirements. Throughout the world **Spratt's Foods** are today the diet of millions of the fittest dogs—the diet directly responsible for their alertness, cleanliness, health and good spirits.

Below we list and describe some of **Spratt's Foods** and **Remedies** regularly stocked.
(Prices Subject to Market Changes.)

SPRATT'S FOOD FOR PUPS

6816 Spratt's Meat-Fibrine Puppy Biscuits—A complete and perfect food for puppies from weaning time onwards, and for small breeds as the regular food instead of **Spratt's** larger Dog Cakes. **\$14.00** per 100 lb; **\$7.50** per 50 lbs; **\$4.00** per 25 lbs.; **\$1.70** per 10 lbs.; **90c.** per 5 lbs.; **40c.** per 2 lb.; **25c.** per lb.

6828 Spratt's "Pupplac"—Dried full-cream milk. A perfect substitute for the milk of the bitch; for rearing orphan puppies, for weaning time, for the bitch just before and after whelping, and for ailing dogs in sickness or convalescence. Valuable as a food for cats and kittens. In large airtight tins. Each **\$1.35**

6824 Spratt's Malted Puppy Food—For puppies that are weak and without stamina; tempting to shy and dainty feeders. Price in tins, **60c.**

6830 Spratt's Plain Puppy Meal—Should be used during, and for a short time after the weaning period; is a great aid in ensuring vigorous well developed puppies; extremely valuable also for old dogs unable to tackle the hard biscuits. In 10 lb. cotton bags, **\$1.80**, 5 lb. cotton bags, **95c.**, cartons, **40c.**, and **20c.**

6827 Spratt's Pepsinated Puppy Meal—For Delicate Puppies—Should be used instead of **Spratt's Plain Puppy Meal** for puppies with weak digestion; is extremely assimilative and will make most unpromising youngsters thrive. In tins, **60c.**

6833 Spratt's Bone Meal for Puppies—A great preventative of early weakness in growing puppies; contains all the elements needed to ensure vigorous frame; prepared in a form for easy mixing with the staple food or with **Spratt's Chemical Food** (see list of remedies). In 10 lb. and 5 lb. cotton bags, **\$1.50**, and **80c.**

SPRATT'S DOG REMEDIES

Spratt's Alternative Cooling Powders—For heated blood and general slight indisposition. Various sizes at **25c.**, **60c.**, **\$1.00**, and **\$1.75**.

Spratt's Chemical Food—A valuable tonic; can be given in water or mixed with the dog's food. Various sizes at **35c.**, **60c.**, and **\$1.00**.

Spratt's Cough Pills—Give quick relief of coughs and colds. **25c.**, **60c.**, and **\$1.75**.

Spratt's Choreia Pills—A fine remedy for Choreia, St. Vitus Dance, and nervous disorders in dogs. **60c.**

Spratt's Chronic Skin Disease Remedy—Should be given in all obstinate cases of Mange, Eczema, etc. **60c.**, and **\$1.00**.

Spratt's Diarrhoea Mixture—An effective check for Diarrhoea and looseness resulting from internal irritation. **90c.**

Spratt's Disinfectant—An extremely cheap yet effective sterilizing agent, for kennels, poultry houses, piggeries, etc. **35c.**

Spratt's Distemper Pills—The best known remedy for this great canine scourge. **\$1.00**.

Spratt's Distemper Powders—Prepared in this form for those who find it difficult to give the dog pills. **\$1.00**.

Spratt's Ear Canker Lotion—Makes treatment of canker simple; soothing and easy to apply. 2 sizes, **60c.**, and **\$1.50**.

Spratt's Eczema Lotion—Should be given in all cases of skin disease arising from internal blood condition or from parasites. 2 sizes, **90c.**, and **\$1.50** each.

SPRATT'S FOOD FOR DOGS

6800 Spratt's Meat-Fibrine Dog Cakes—For sixty years the standard dog food; used by leading breeders and at shows throughout the world; should preferably be given dry not soaked; as their being gnawed compels a copious flow of saliva in the dog's mouth, which being mixed with the food before it enters the stomach materially assists digestion. These cakes keep the dog's teeth and gums in fine condition. In bags, **\$13.00**, per 100 lbs.; **\$7.00** per 50 lbs.; **\$3.75** per 25 lbs.; **\$1.60** per 10 lbs.; **85c.** per 5 lbs.; **50c.** per 2½ lbs.

Spratt's Terrier Biscuits—A meat-Fibrine Biscuit prepared especially to be the staple diet of the hardy but small terrier class; **\$14.00** per 100 lbs.; **\$7.50** per 50 lbs.; **\$4.00** per 25 lbs.; cartons: **\$1.70** per 10 lbs.; **90c.** per 5 lbs.; **55c.** per 2½ lbs.

6804 Spratt's Cod Liver Oil Cakes—Extremely valuable aid to convalescence of sick dogs, for old dogs, and for puppies not making due progress; dogs eat them without coaxing; per 100 lbs **\$15.00**, per 50 lbs **\$8.00**, per 25 lbs **\$4.25**, per 10 lbs **\$1.80**, per 5 lbs **95c.**, per 2½ lbs **55c.**

6826 Spratt's Ovals—The Pocket Dog Biscuit—A small Meat-Fibrine Dog Biscuit, suitable as a staple diet for small dogs and toys, and to be carried in the pocket as an occasional snack when on a ramble with the dog. **\$15.00** per 100 lbs.; **\$8.00** per 50 lbs.; **\$4.25** per 25 lbs.; **\$1.80** per 10 lbs.; **95c.** per 5 lbs.

6812 Spratt's Rodnim Meal—The twice-a-week change from the hard biscuit diet. **ROD-NIM** can be given dry, soaked in water, broth, or gravy, or mixed with boiled chopped green vegetables; a fine food for old dogs whose teeth are out of condition. **\$15.00** per 100 lbs.; **\$8.00** per 50 lbs.; **\$4.25** per 25 lbs.; **\$1.80** per 10 lbs.; **95c.** per 5 lb. cotton bags.

Spratt's Eye Lotion—For all eye affections in the dog; valuable also for poultry. **60c.**

Spratt's Jaundice Pills—A specific for Jaundice or "Yellows" in the dog. **60c.**

Spratt's Locurium—An oil dressing for quickly healing cuts, wounds, and bruises; effective with all animals, and good for human use. 3 sizes, **35c.**, **60c.**, and **\$1.00**.

Spratt's Mange Lotion—A powerful penetrative and extremely effective. Destroys Lice, Fleas, Tick, etc. 2 sizes, **60c.**, and **\$1.00**.

Spratt's Purging Pills—A safe but powerful aperient medicine. 3 sizes, **25c.**, **60c.**, and **\$1.00**.

Spratt's Rheumatism and Sprain Ointment—Economical to apply. **\$1.50**.

Spratt's Rheumatism Pills—For Rheumatism, lumbago, and Chest-founder or Kennel Lameness. **60c.**

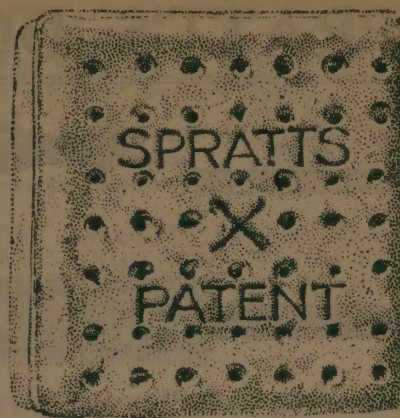
Spratt's Tonic and Condition Pills—For treating debility and for preparing dogs for Exhibition. Various sizes, **25c.**, **60c.**, and **\$1.00**.

Spratt's Rissicol—Castor Oil in Powder form. **25c.**

Spratt's Vermifuge for Puppies—A safe treatment for worms in young dogs; entirely a vegetable preparation. 2 sizes, **25c.**, and **60c.**

Spratt's Worm Powders—A combination of the finest anthelmintics, and most effective. **60c.**

Spratt's Worm Pills—A certain expellant. 2 sizes **25c.**, and **60c.**



Spratt's Pet-Rodnim—A finer grade of Rodnim produced specially for small dogs and toy pets. **\$17.00** per 100 lbs.; **\$8.75** per 50 lbs.; **\$4.75** per 25 lbs.

Spratt's "Weetmeet"—A Meat-Fibrine-Biscuit Meal of particular value for Bulldogs. **\$17.00**, per 100 lbs.; **\$8.75** per 50 lbs.; **\$4.75** per 25 lbs.

Spratt's Greyhound Dog Cakes—Meat-Fibrine Biscuits which incorporate a larger percentage of meat than the ordinary **Spratt's Cake**. Extremely valuable for greyhounds in training. **\$18.00** per 100 lbs.

6811 Spratt's Fibo—A unique dog food containing in addition to **Spratt's** world-famous Meat-Fibrine pure yolk of egg; is very tasty, and for shy or dainty feeders offers an excellent method of bringing them on to a rational dog diet; a very nutritious meal for delicate dogs and puppies; can be given either dry or soaked. **\$15.00** per 100 lbs.; **\$8.00** per 50 lbs.; **\$4.25** per 25 lbs.; **\$1.90** per 10 lb.; **1.00** per 5 lbs.

6813 Spratt's Charcoal Biscuits—These biscuits are quite easily edible; the charcoal absorbs impure gases in stomach and intestines, and acts as a corrective of internal ailments, fetid breath, etc. One charcoal biscuit regularly each week will be found an excellent preventative of canine ills. In tins, **\$1.50**.

6807 Spratt's Tasteless Aperient Biscuits—Offer a simple method of administering periodic doses of aperient medicine. Dogs eat them readily and without coaxing. Per package, **50c.**

SPRATT'S Toilet Requisites for Dogs

Spratt's No. 1 Dog Soap—Prepared especially for coat and skin condition; used all over the world by exhibitors in preparing their dogs for show; prevents scurf, mange, and other parasitic affections. Lathers freely. Per cake **25c.**

Spratt's No. 2 Dog Soap—While beneficial to coat and skin as No. 1 Dog Soap, the No. 2 quality has incorporated powerful insecticide properties; absolutely eradicates lice, fleas, tick, and all parasites. Entirely harmless. Per cake **20c.**

Spratt's "Fomo"—A liquid shampoo; slightly wet the dog's coat and sprinkle on a few drops of "Fomo," and instantaneous thick lather results; largely used by exhibitors; good also for children for nursery toilet use. Per bottle **60c.**

Spratt's Dry Cleaning Powder—Preferred by a large number of dog owners for the winter cleaning of their dogs; needs just to be rubbed in and brushed out of the coat. -Pkt. **35c.**

Spratt's Special Canister Brushes—For use with **Spratt's Dry Cleaning Powder**. The powder, is placed in a small canister attached to the brush and perforations near the bristles allow it to shake out into the coat as the brushing is done. Each **\$2.50**.

SPRATT'S DOG REQUISITES



No. 13



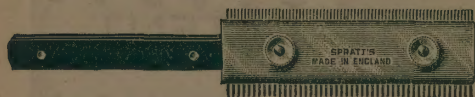
No. 6



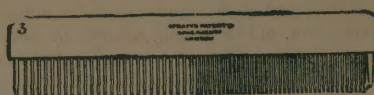
No. 12



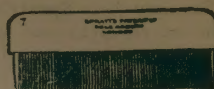
No. 19



No. 15



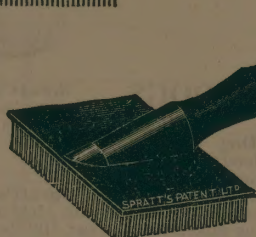
No. 3



No. 7



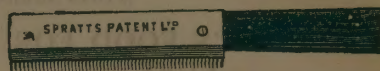
No. 8a



No. 40



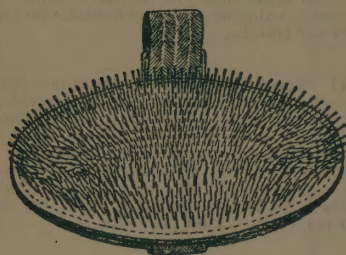
No. 16



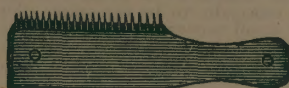
No. 10



No. 14



No. 7001



No. 9a



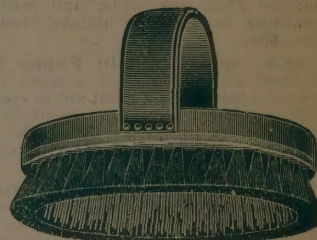
No. 16



No. 38



No. 100



No. 28



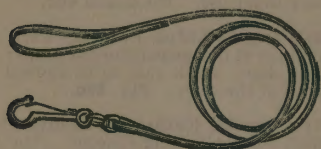
No. 101



No. 102



Non-Upsettable Dish



No. 65

No. 3—Nickel Plated Steel Comb, for collies, etc.; 7" long. Teeth very coarse, coarse, medium or coarse and fine, each **\$1.50**

No. 6—Nickel Plated Steel Comb with wooden handle; teeth coarse, medium, fine, or long medium; each **\$1.80**

No. 7—Nickel Plated Steel Comb, for terriers, spaniels, etc.; 4" long; teeth coarse, medium, fine, and medium long; each **\$1.25**

No. 10—Horn Handled Stripping Combs; 6½" long; specially recommended for Airedales; each **\$1.80**

No. 12—Single Blade Adjustable Stripping Comb; horn handle; can be adjusted for long or short coated dogs; blade removable for sharpening and cleaning; each **\$1.50**

No. 13—Saw Pattern Coarse Stripping Comb; hard wood handle; 6½" long; can be sharpened with file; each **75c.**

No. 14—Double-bladed Vest Pocket Stripping Comb; 4" long; complete in pigskin case; each **\$1.50**

No. 15—Double Bladed Adjustable Stripping Comb; coarse side can be used for the body, and fine teeth for the ears; each **\$2.25**

No. 19—Lightweight Wire Dog Comb; 7" long; cheap, strong, and serviceable; each **75c.**

No. 40—Dog Curry Comb Brush; metal back, wooden handle, stout steel pins inserted in rubber; each **\$1.00**

No. 8a—Double Nit Comb, nickel plated; one side fine teeth, other side very fine; each **\$1.50**

No. 16—Slant Bristle Brush, for all smooth-coated dogs; use against the slant to remove dust, with the slant to gloss the coat; each **\$2.25**

No. 17—Rake Pattern Comb; especially for rough coated dogs; single row teeth, each **\$1.10**; double row teeth, each **\$1.35**

No. 28—Wire and Bristle Brush, with leather strap handle; for dogs with harsh, entangled coats; each **\$1.50**

No. 9a—Solid Steel Stripping Comb, nickel plated, each **\$1.00**

No. 38—Whalebone Brush, 6½" long; for all rough coated dogs; each **\$2.25**

No. 42—Similar pattern to 38 but smaller size, each **\$1.80**

No. 100—Dry Cleaning Brush, for all white-coated dogs; contains special canister for Spratt's Dry-cleaning powder, each **\$2.50**

No. 7001—Flexible Wire Brush with Rubber Back; pat. 6220-13; removes all dead and loose hairs; acts as a friction glove; splendid for conditioning muscles of training greyhounds, etc. Each **\$1.80**

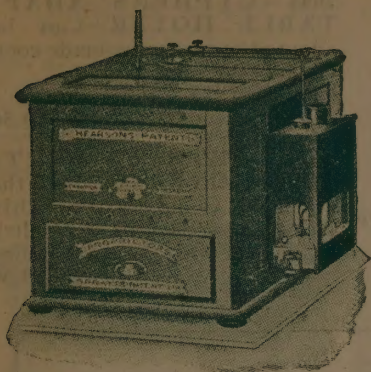
No. 101—Wire Fibrine Dog Gloves; clean, efficient, durable; each **\$3.75**

No. 102—Dog Gloves, unrivalled for producing sleek, glossy coat; hair on one side only, each **\$1.25**, pair **\$2.25**. Hair on both sides **\$2.25** each **\$4.25** pair.

No. —Non-Upsettable Dog Dish, cannot be overturned by the dog, very easy to clean; Galvanized or enamelled.

Diameter.	4"	6"	8"	10"	
Galv. Shallow.	35	60	1.00	1.25	Each.
" Deep			1.25		"
Enam. Shallow	60	1.00	1.25	1.80	"
" Deep			1.80		"

No. 65—Flat Bridle Leather Lead, 4 ft. long; ¾" **75c.**, ½" **\$1.00**, ⅜" **\$1.25**, ¼" **\$1.35**



For forty years the Hearson's Incubator has set a standard for the world. It is the one incubator which reproduces perfectly the conditions under which chicks are hatched out naturally by the hen: it is the one incubator which, if a few simple printed instructions are faithfully followed is guaranteed to hatch every fertile egg.

The Hearson's Incubator hatches out chicks with none of the defects common to artificially hatched chicks from machines which, from faulty design or regulation cannot duplicate the functions of the hen. Every chick hatched by the Hearson comes out strong and vigorous and fitted for a profitable career.

The Hearson's is not a cheap machine—yet it is ultimately far the cheapest. Every piece of timber used must conform to rigid quality and seasoning tests; every joint is fitted by the hands of skilled workers; every individual machine is scrutinised carefully through each stage of construction. The result—that the Hearson's Incubator is **GUARANTEED** to give, with fair usage, from twenty-five to thirty-five years of maximum hatching service.

The Hearson's Incubator is entirely automatic in its operation and regulation. Only a minute or two each day is required in supervision. However greatly outside atmosphere and weather conditions may vary, inside the egg drawer the ideal conditions of temperature, moisture, and humidity are maintained without variation. The Hearson's Incubator cannot make a mistake; its action is so positive that every fertile egg must produce its vigorous chick.

The Hearson's can be obtained to operate by Gas, Oil, or Electricity. Existing machines fitted for oil or gas can be fitted with apparatus for making a change-over, a matter of a few minutes work for a handyman.

THE HEARSON'S CAN BE OPERATED AT ANY HEIGHT ABOVE SEA-LEVEL. Although normally fitted for operation at altitudes between sea-level and a thousand feet above, special capsules can be fitted for any other altitudes, and when the purchaser communicates his altitude the appropriate capsule is made and fitted without extra charge. For this reason the Hearson's is the only incubator which can be guaranteed to give equally satisfactory service at whatever height it may be required to be used.

The largest users of Incubators throughout the world—the man who buys incubators as a business proposition and who looks for the biggest possible return—will have the Hearson's. Our post brings us thousands of unsolicited reports of the achievements of the Hearson in all parts of the world—enthusiasm runs through every sentence.

Hearson's

Incubator

THE HEARSON'S INCUBATOR HATCHES EVERY FERTILE EGG: IT PROVIDES THE IDEAL CONDITIONS WHICH BRING THE YOUNG CHICKS OUT STRONG, HEALTHY AND REARABLE: IT INVOLVES AN ABSOLUTE MINIMUM OF TIME AND TROUBLE IN SUPERVISION, AND NEGLIGIBLE EXPENSE IN OPERATION.

CAPTAIN WALTER RUDDLE OF ST. CATHARINES GETS 100% FIRST HATCH

"For years I have been operating several different makes of incubator—both Canadian and American—with very poor success; in fact I only got eight chicks out of a hundred and eight eggs from an electric last spring. This would discourage almost anyone . . .

Shortly after this failure I met a gentleman who had operated one of your machines on a game preserve in England. He highly recommended them, and I determined to secure one as soon as possible. The only regret I have is that I did not get a 250-egg machine.

After setting up the 60-egg Hearson's "Champion" and running it for a day, I put in 55 White Leghorn eggs of my own and two Barred Rock eggs for a friend. The Rocks tested out clear on the seventh day. The Leghorns tested out all fertile. On the fourteenth day, in handling I broke two yolks, but not being sure, I left them in until the hatch was over. Out of my fifty-five eggs I succeeded in getting fifty-two chicks, as fine a lot as one could wish for. The other egg had a chick, but he got turned round, and was used so roughly by the others that he died.

Never in all my life have I seen chicks come out like these. Why, the eggs were popping like corn, and, just think, all were out in twenty days! Gentlemen, your statement that it will hatch every fertile egg is not idly made. I am a member of the Niagara Poultry Association, and while attending our meeting I had the pleasure of telling the members of your machine.

My chicks are all alive up to date, and there are no cripples amongst them: so to say that I am satisfied is to put it mildly. I am delighted with the Hearson's.

W. E. RUDDLE (Captain).
St. Catharines, Ontario.

MAMMOTHS SCRAPPED AND REPLACED BY HEARSON'S

For several years I have been using incubators of 1,500 eggs capacity with very indifferent results. I began to fancy my incubator room must be at fault, although I could discover nothing wrong.

At the end of last year I sent for one of your incubators. This was worked in the same room and therefore under the same conditions as my other machines.

From my main lot of incubators I do not exceed 65 per cent. hatches all through the season. Your Hearson's Incubator gave me the following startling results:—Hatch 1, 95 per cent.; hatch 2, 100 per cent.; hatch 3, 95 per cent.; hatch 4, 96 per cent.

This is arresting enough, but I also found the oil consumption to be about half that of my other machines, and, above all, the chicks, when taken from your incubator, were far stronger than any of the others, and now, after these chicks have been reared to the adult stage, I can pick them out from the rest, as they are so well grown.

I have decided to scrap my 1,500 capacity incubators and to replace them with eight 100-egg Hearson machines. By this I shall get as many chicks and far stronger ones. Also, I shall save 700 eggs each time, and this is an item when I am worried to death with orders for hatching eggs. Time is money and a failure of a hatch means loss of time and money.

Yours truly,
(Signed) CHARLES BURKETT, (REV)
Staveley Rectory, Nr. Harrogate.

THE UNIVERSITY OF BRITISH COLUMBIA ENDORSES HEARSON'S CLAIMS

Dear Sirs,

We have made a test of a Hearson Incubator in competition with other incubators at the University poultry plant this last year. The report that we are able to issue is a very favourable one. We wish to congratulate you upon the type of machine that you turn out. The insulation with resulting evenness of temperature, and the general conditions of the hatching chamber are such that your machine hatched more big fluffy chicks than any of the other machines that we have used. The conditions under which this trial was held were very unfavourable for hatching, and were a severe test to any incubator. It seemed to be the superior workmanship and finish in your machines that turned the scales in your favour.

Our Protective Committee looking after tariff on eggs, poultry products and poultry supplies, is attempting to have the peculiar tariff under which these incubators enter Canada modified or abolished, so that there will be a special clause for incubators under the British preferential tariff.

Yours very truly,

E. A. LLOYD,
Associate Professor.

1896 MODEL HEARSON STILL HATCHING SPLENDID CHICKS

"I purchased a second-hand No. 6 Hearson last year which bears the date Feb. 12th, 1896. I used it last season with good results, and have just hatched 39 strong, healthy chicks out of forty fertile eggs; the remaining egg was added. In comparison with other machines I find Hearson's not only more economical with fuel and simple to manage, but dead-in-shell are unknown."

EDMUND GUMBRELL.

The Elms, Uxbridge.

1897 MODEL HEARSON STILL USING ORIGINAL THERMO-STAT

"I have used Hearson's 100-egg Incubators since 1897, and two of my original 100-egg machines are still running with the first capsule."

HARRY EDGE.

South Binns, Heathfield.

YOU CAN'T MAKE A MISTAKE IN DECIDING ON HEARSON'S

	Price
No. 6—60 Eggs.....	\$ 48.00
No. 11—120 "	72.00

Bone Cutters and Grinding Mills

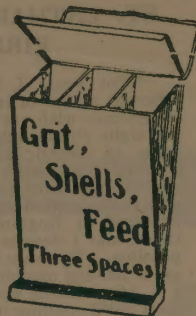
7610	Family Grist Mill, No. 0, without Stand—Each.	10.50
7611	“ “ “ “ 0, with Stand	14.50
7613	Hand Bone Mill No. 1, for dry bone, without Stand	10.50
7614	“ “ “ “ “ “ with Stand	14.50
7616	Burrs or Grinding Plates for Hand Bone Mill No. 1—Per set.	3.75
7617	Crown Green Bone Cutter, without Stand.	24.75
7618	“ “ “ “ “ “ with Stand.	28.75
7619	Stand for Crown Green Bone Cutter.	4.00
7620	Thompson Green Bone Cutter, Crown Style.	12.50
7621	Daisy Green Bone Cutter.	42.50
7624	Humphrey Green Bone Cutter, No. 2½.	32.50
7630	Black Hawk Hand Grinding Mill.	6.25
7634	Watson Corn Sheller.	3.25
7637	Mann's Bone Cutter, 5B, without Stand.	24.00
7638	“ “ “ “ 5BM, with Stand.	31.50
7640	“ “ “ “ 7, with Stand.	36.00
7642	“ “ “ “ No. 12B, Power.	69.50
7643	Knives for Mann's Bone Cutter—Each.	1.00
7644	Mann's Bone Cutter, 7½ Semi Power, with Stand.	48.00
7645	“ “ “ “ 9 Power, with Stand.	55.00
7649	“ “ “ “ Clover Cutter, complete.	24.00

Humphrey's Clover Cutter.	18.75
Daisy Combination Grist Mill and Bone Cutter.	43.00
Bone Cutter on Stand.	32.50
Wilson's Grist Mill, No. 2.	25.00
Humphrey's Combination Grist Mill.	10.45
Humphrey's Hand Grist Mill.	9.25
Gem Clover Cutter, Wilson's.	15.25



No. 7044 —Adaptable Hover

Cyphers' Safety Brooder Stove. Each \$3.00



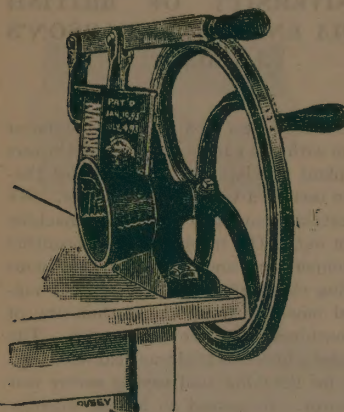
7205, \$1.00

7044—CYPHERS' ADAPTABLE HOVER—Can be adapted to any home-made coop or brooding house. Capacity, 75 chicks. Price \$19.50

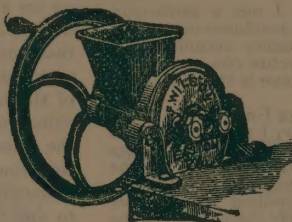
7045—CYPHER'S PORTABLE HOVER—Shows the Cyphers' Company Portable Hover in use on floor of Poultry House. Chicks at all times are on a level with the surrounding floor. Price \$19.50



No. 7045. Portable Hover



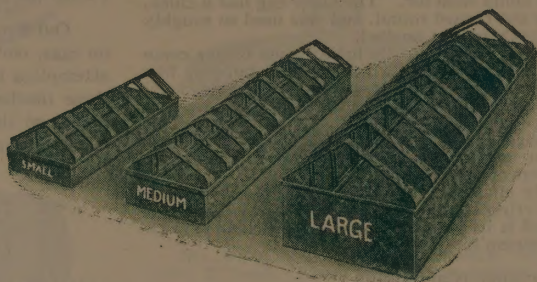
7617, \$24.75



7613, \$10.50



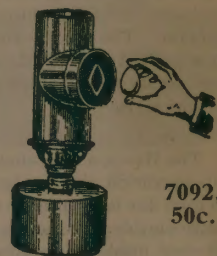
7143, \$3.00
Reversible Cabinets for Hatching Eggs



Food and Water Holders
7216, 70c. 7217, \$1.10 7218, \$1.40



Wire Hen's Nest
7186, 35c.



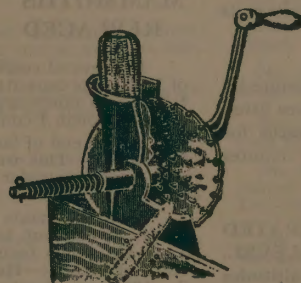
7092, 50c.



Cone Poultry Water Holders
7240, 60c. 7241, 70c. 7242, 90c.



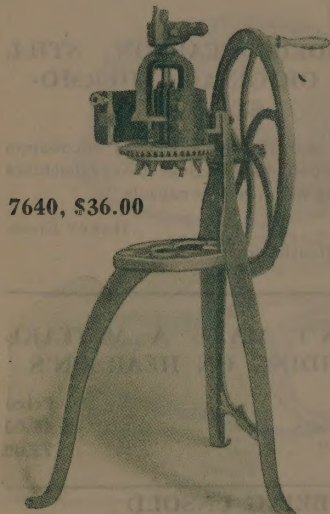
7610, \$10.50



Watson Corn Sheller
7634, \$3.25



Black Hawk Grinding Mill
7630, \$6.25

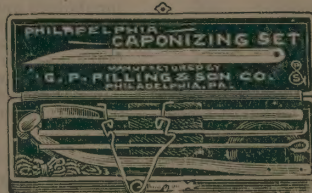


7640, \$36.00

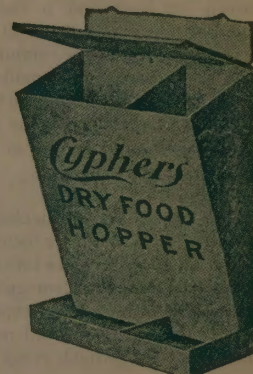
CORNING FEED MIXER

NO. 1 HAND OR POWER—The Most Thorough and Quickest Mash and Grain Mixer Made. It whirls the materials around and around, back and forward, upside down and back again, every way so that every particle is mixed thoroughly. Mixes meals of all sorts, with or without green or dry bone or meat scraps; cracked grains, whole grains, everything for poultry or live stock. Also for mixing stock and poultry patent foods, tonics, regulators, etc. When mixing is completed a slide is opened in the bottom so that the contents can be immediately discharged into a box or on floor. Weight, 250 lbs. ½ to 1 Horsepower. Three pecks of material can be mixed in one operation. PRICE \$78.00

NO. 0 HAND MIXER—Just the Mixer needed by Every Chicken Raiser, Size of Hopper 11x15x6 inches, and holds 12 quarts of material. Height from floor to top of Hopper, 18 inches. Diameter of Wheel, 20 inches. Length over all, 24 inches Floor Space, 17x16 inches. PRICE \$22.00.



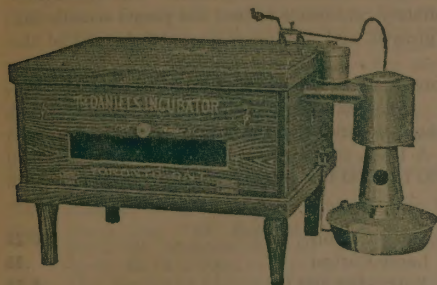
7104, \$4.50



7209, \$1.25

DANIELS' MODEL HOT WATER INCUBATORS

These Incubators are equal to any of the higher priced Incubators on the market for hatching strong, vigorous chicks. The Tank is a large square tube that circulates around the inside wall of the Incubator, forming a hollow square. There is a water boiler over the lamp and the Tank is connected with it by two pipes. The water then flows to the farther end of the Incubator returning on the other side. In this way the water circulates around the machine but not in the centre. This prevents the centre from getting too hot as it does with a tank which covers the whole top of a machine. These Incubators are **MADE IN CANADA**. The following are the sizes and prices:-



Hot Water Incubators

No. 0B. Size 65 eggs	\$16.00
No. 1B. " 120 "	28.00
No. 2B. " 250 "	45.00
No. 3B. " 600 "	110.00

Hot Air Incubators

No. 0. Size 70 eggs	\$18.00
No. 1 " 110 "	24.00

BUCKEYE INCUBATORS and BROODERS

(Write for descriptive list)

7063	Genuine Buckeye Incubator (Low)	No. 14—60 eggs	19.00
7065	" " " "	No. 16—Capacity 110 eggs	32.00
7066	" " " "	" 17 " 200 eggs	43.00
7068	Standard " " " "	" 1 " 110 "	43.00
7069	" " " "	" 2 " 175 "	51.50
7070	" " " "	" 3 " 250 "	67.00
7071	Buckeye Brooders, No. 20—Capacity 60 chicks		13.51
7072	" " " "	" 21 " 100 "	17.25
7073	" " " "	" 22 " 150 "	22.00
7074	Colony Brooders, No. 18—Capacity 500 chicks		25.00
7075	" " " "	" 19 " 1000 "	31.00

POULTRY APPLIANCES

Oat Sprouter—with 3 Trays	13.50
Armstrong Electric Incubator—65 egg size	30.00
Cypher's Coal Burning Hover—Large	30.00

7082	Pedigree Egg Tray, No. 3 Incubator, Pair	7.50
7085	Thermometer for Adaptable Hover	.75
7086	" " " " Portable Hover	.75
7087	" " " " Incubator	.75



7111, 40c

7092	Egg Tester, Standard	.50
7104	Pilling's Caponizing Sets	4.50
7107	French Killing Knife	.75
7110	Cyphers Poultry Marker	.90
7111	Chicken Toe Punch	.40
7123	Buggy Egg Crates, 12 doz. size—Each	1.00
7124	Humpty Dumpty Egg Crates—doz, \$5.00 each	.65

NEST EGGS

7145	Opal Nest Eggs—Doz	.40
7146	Lime Product Nest Eggs (per 3 doz. carton 75c)—Doz	.35

POULTRY LEG BANDS

7148	Smith Sealed Leg Bands, Numbered—Doz. 35c, 25 for 60c, 100 for	1.50
7149	Double Clinch Leg Bands, Numbered—Doz. 15c, 25 for 25c, 100 for	.90



7150, Doz. 15c



7150	Leader Adjustable Leg Bands, Numbered—Doz. 15c, 25 for 25c, 100 for	.90
7151	Climax Leg Bands—Doz. 15c, 25 for 25c, 100 for	.90

7153	Spiral Celluloid Poultry Rings; 5 colors; state variety of fowl; all sizes; for chicks or turkeys—Doz. 30c, 25 for 50c, 50 for 90c, 100 for	1.50
7154	Sealer, for Smith's Sealed Leg Bands—Each	.75
7155	Standard Pigeon or Chick Bands—Doz. 30c, 25 for 50c, per 100	1.50
7156	Colored Celluloid Ribbon Bands—1 to 12, 40c, 1 to 50, 1 to 25, 75c, 1 to 100	1.40
7181	Trap Nest Fronts, Newmarket	1.25
7182	Wire Trap Nest Doors	.75
7186	Wire Hen's Nests—Doz. \$2.50 each	.35
7194	Staple Drivers for Poultry Fencing—Each	.15

POULTRY FOOD and WATER HOLDERS



7204, 35c.

7200	Boston Food Hopper, small, for beef scraps, etc	1.15
7201	" " " " Large, for dry food	1.50
7204	Water and Feed Cups for Exhibition	.35
7205	Grit and Shell Boxes, Standard	1.00
7209	Dry Food Hoppers, Standard—2 Compartments	1.25
7216	Food and Water Holders, Small	.70
7217	" " " " Medium	1.10
7218	" " " " Large	1.40

Poultry Appliances (Continued)

CHICK FEEDER.—A great feed saver, and can also be used for water or milk. Accurately stamped with dies. Top fits snugly, yet is easily taken off for filling and cleaning.

7221	No. 11. Diameter, 6 in., with 8 holes	Each	40c
7222	No. 12. Diameter, 8 1/4 in., with 12 holes	Each	60c
7234	Wall Fountain, chick size		.75
7235	" " 1 gal. size		1.15
7236	" " 2 gal. size		1.50
7241	Cone Fountains, Enamel—2 qt.		.70
7242	" " 4 qt.		.90
7243	Separable Conical Fountains, Galvanized, 1 qt		.50
7244	" " " " 2 qt		.70
7245	" " " " 4 qt		.90
7251	Water Glass for Preserving Eggs—1 lb.		.25
7252	" " " " 2 "		.40
7253	" " " " 5 "		.70

SLIDING COVER
MAKES FILLING
EASY

Karswood Makes Hens Lay

7306	Poultry Spice, Karswood—2 oz. size	\$0.10 or \$0.15 postpaid.
"	" " 8 "	.25 .35
"	" " 1 lb. size	50c or 65c prepaid.
"	" " 7 " size	\$3.50 \$4.00 prepaid.
"	Poultry Spice, Karswood—14 lb. size	\$6.75, by Express at customer's expense, or \$7.50 prepaid.
"	Poultry Spice, Karswood—28 lb. size	\$13.00 by Express at customer's expense, or \$14.00 prepaid.

Karswood Chicken Powder

7307	1 lb. size .65c, postpaid. 1/2 lb. size .35c, postpaid. 2 oz. size .15c, postpaid.	
"	Karswood Pig Powders	60c, postpaid.
"	Karswood Cow Drink	70c, postpaid.

Poultry Foods and Tonics

(Prices Subject to Market Changes)

7301	Poultry Regulator, Pratt's—Per 26 oz. pkg.	\$0.35
7302	" " " " 4 lb. pkg.	.70
7303	" " " " 9 lb. pkg.	1.40
7304	" " " " 12 lb. pail	2.00
7305	" " " " 25 lb. pail	3.50
7310	Herbageum—Per 2 lb. pkg.	.50
7311	" " " " 4 "	.90
7314	Egg Producer, Rust's—1 lb.	.35
7315	" " " " 1/2 lb.	.65
7317	Baby Chick Foods, Pratt's, small	.35
7318	" " " " medium	.70
7319	" " " " large	1.35
7320	Blatchford Egg Mash—100 lb. sacks	3.75
7321	" " 25 lb. sacks	1.10
7322	" " Milk for Baby Chicks, 100 lb. sacks	5.00
7323	" " 25 lb. sacks	1.35
7324	" " 4 lb. carton	.50
7335	Baby Chick Food—Per 5 lbs. 25c, per 100 lbs.	4.00
7337	Developing Food—Per 5 lbs. 25c, per 100 lbs.	3.75
7338	Growing Mash—Per 5 lbs., 25c, per 100 lbs.	3.75
7341	Red Ribbon Laying Mash	4.00
7347	" Scratch Food No. 1—Per 100 lbs.	3.60
7351	Red Ribbon Pigeon Food—Per 100 lbs.	4.25
7353	Alfalfa Meal	3.50
7358	Beef Scraps, Standard—Per 100 lb. bag	6.75
7364	Poultry Charcoal—Per 2 lb. carton	.15
7367	" " 50 lb. bag	1.65
7370	Crushed Bone for Poultry	4.00
7373	Oyster Shells Crushed for Poultry—Per 100 lbs.	1.75
7376	Crystal Poultry Grit. Hen size—Per 100 lbs.	1.10
7377	" " Chick size—Per 100 lbs.	1.35
7378	" " Pigeon size—Per 100 lbs.	1.30

Prices Subject to Market Changes.

	Per 10 lbs.	Per 100 lbs.
Compton's Yellow Flint Corn	\$0.45	\$3.25
Kaffir Corn	.50	3.60
Black Tares	.80	7.00
Maple Peas	1.00	9.00
Brittany Peas	1.00	9.00
Barley, Two-rowed	.55	4.00
Small White Peas	.80	6.00
Red Wheat	.45	3.50
Pigeon Food Mixture	.55	4.50
Health Grit	.45	3.00

Pigeon Food

Sterlingworth Salt Cat is a scientific combination of those aromatic and tonic properties contained in such seeds and roots as gentian, anise, coriander, etc., combined with sulphur, charcoal, limestone, salt, bone and other materials that are recognized by pigeon keepers as aiding digestion, promoting good health and egg production in pigeons and game fowls. Per brick 25c, per doz. \$2.25

POULTRY REMEDIES

7400	Lice Powder, Pratt's.....	15, 35 and \$0.70
7403	Instant Lice Killer (Powder), Dr. Hess.....	35 and .85
7418	Lice Powder, Conkey's.....	30 and .60
7422	Flea Killer, Sterlingworth.....	30
7425	Liquid Lice Killer, Pratt's, quart.....	.60
7428	Zenoleum Disinfectant.....	40, 1.00, 2.00, and 2.75
7434	Liquid Lice and Mite Killer, Sterlingworth.....	35
7438	Noxicide Disinfectant, Conkey's.....	35, 60 and 1.00
7443	Roup Cure, Pratt's Powder or Tablets.....	35 and .60
7447	" " Conkey's.....	40, 75 and 1.40
7454	" " Rust's—Powder or Pills.....	30 and .60
7462	White Diarrhoea Remedy, Pratt's.....	35 and .70
7463	" " Conkey's.....	30 and .60
7466	Head Lice Ointment, Pratt's Large.....	35
7467	" " Conkey's.....	15 and .30
7468	Flea Salve, Conkey's.....	30
7471	Chicken Cholera Remedy, Pratt's.....	35 and .60
7473	Cholera Remedy, Conkey's.....	30 and .60
7475	Gape Remedy, Pratt's—Small.....	35
7477	Gape Remedy, Conkey's.....	30
7481	Poultry Tonic.....	30, 60 and 1.00
7483	Chicksal (a tonic for young chicks)—pint.....	.75
	7484 Poultry Conditioner Conkey's.....	.30
	7485 Poultry Conditioner Conkey's.....	.60
	7486 Havens Climax Condition Powder, Rust's.....	35 and .65
	7489 Scaly Leg Remedy, Conkey's.....	.30
	7490 Chicken Pox and Sore Head Remedy, Pratt's.....	.35
7492	Chicken Pox and Sore Head Remedy, Conkey's.....	.30 and .60
7494	Poultry Worm Remedy, Conkey's.....	.30
7495	Sulphur Candles.....	.15
7496	Insect Powder, Keatings.....	.20, 30 and .50
7521	Rax—Destroys Rats and Mice (no odor).....	.90



Bird Seeds and Remedies

Bird Seed of all kinds, re-cleaned and free from dust and dirt, always on hand by the 100 lbs. at lowest market price, and of the finest quality.		
6925	Canary Seed (Re-cleaned)—Per lb. 20c, 100 lbs.....	\$12.50
6926	Hemp Seed (Russian)—Per lb. 20c, 4 lbs. 75c, 100 lbs.....	12.50
6927	Iona Seed—Per lb. 50c, 10 lbs. for.....	4.00
6928	Lettuce Seed—Per lb.....	.40
6929	Maw or Poppy Seed—Per lb.....	.75
6932	Rape Seed (Sweet)—Per lb. 20c, 4 lbs. 75c, 100 lbs.....	17.00
6933	Sunflower Seed—We are very large handlers of this food for parrots—Per lb. 20c, 100 lbs.....	15.50
6934	Teazle—Per lb.....	.45
6935	Mixed Bird Seed—Per lb. 20c, 4 lbs. 70c, 100 lbs.....	14.50
6936	Our XXX Mixed Bird Seed—This Mixture is the finest quality of fresh, choice, imported, re-cleaned and well mixed seeds in proper proportions—Cartons, each.....	.20
6937	Perfection Canary Mixed Bird Seed—Cartons, each 20c, 2 for.....	.25
6938	Millet Seed (Chinese)—Per lb. 15c, 4 lbs. 50c, 100 lbs.....	8.00
	Canary Seed—Spratt's Roller, Large pkg.....	.25
	Canary Seed—Spratt's Roller Small, Pkg.....	.15
	Canary Mixture—Spratt's Large, pkg.....	.25
	Canary Mixture—Spratt's Small, pkg.....	.15
	Parrot Mixture—Spratt's Small, pkg.....	.15
	Parrot Mixture—Spratt's Large, pkg.....	.25
	Red Mite Killer—Spratt's, pkg.....	.25
6942	Parrot Food—A prepared Food for Parrots—Cartons 15c, and.....	.25
6948	Spratt's Ants' Eggs—A treat for soft-billed birds. Packages.....	.15
6949	Spratt's Cod-Liver Oil Cage Bird Food—For feeding young birds and old birds in the moulting season. A tonic and flesh and bone maker. Unequaled as an aid to feather growth.....	.25
6950	Spratt's "Defiance" Mocking Bird Food—The purest food obtainable for Mocking Birds, Robins and Thrushes. Tins.....	.35
6951	Bird Cake or Treat—A splendid tonic and song restorative food for Canary Birds. Per cake 5c, 6 for 25c, per doz.....	.50
	Bird Manna—Keeps Canary Birds in prime condition. Pkg.....	.25
6953	Cuttlefish Bone—Per oz. 10c, per lb.....	.75
6954	Sand For Bird Cages—Fine, Red or Silver. Cartons 10c and.....	.15
6955	Lark, Blackbird or Thrush Food.....	.35
6961	Spratt's "Canaradyne" (Tibbs)—For asthma and wheezing in cage birds. Bottles.....	.35
6963	Spratt's Color Food (Red or Orange)—Deepens and intensifies the natural color. Orange or Red Color Food, per tin 50c and.....	1.00
6971	Bird Lice Destroyer and Bellows.....	.35
6972	Spratt's Insect Powder for Birds.....	.25
6973	Spratt's "Pennakura"—For destroying external parasites and preventing feather eating in cage birds. Bottles, 20c, and.....	.30
6975	Spratt's "Quinella" (Tibbs)—For inflammation of stomach in cage birds. Box.....	.30
6976	Spratt's Song Restorer (Dunlap's)—A treat and tonic for Canaries, Linnets, and all seed-eating birds. Price 20c, and.....	.30
6981	Spratt's Parrot Tonic—Price.....	.30
6982	Spratt's Bird Tonic (Henning's)—For the prevention and cure of all diseases. Prices, in bottles (not mailable), 15c, and.....	.20
6983	Spratt's Zeke—(Insect food for cage birds).....	.15
6984	Sterling Bird Tonic—A reliable medicine for loss of song, asthma or hard breathing, diarrhoea, moulting out of season, and those troubles arising from colds or exposure of canary birds, parrots and cage birds generally. Full directions on bottle.....	.25
6985	Sterling Cage Bird Lice Salve—The most satisfactory and easily used remedy known for lice on canary birds. In tin box.....	.15
6986	Sterling Song Restorer—Your pet must "feel right" to sing, and Sterling Song Restorer helps him to "feel right." Price 20c, postpaid.....	
6905	Sterling Flea Killer—The most potential flea killer known. Put up in sprinkler top boxes.....	.25

FERTILIZERS

PLANT FOOD FOR FLOWERS AND VEGETABLES

Strictly high-grade, highly concentrated, fine, dry and free from objectionable odor, containing all the elements needed by vegetables and flowers for their quick growth, early maturing and perfect development. The ingredients are quickly soluble and immediately commence to feed the plants stimulating them into healthy, luxuriant growth, and feeding them until the end of the season.

Easily applied, either before or after planting, by sprinkling over the surface of the soil and raking in. If something especially fine in vegetables and flowers, is desired, two or three additional applications, at intervals, will produce magnificent results. A 10-lb. package is sufficient for a space 15x20 ft. for one application, or 1000 to 1500 lbs. per acre. Instructions on each package.

7660	Standard Plant Food—Small Carton.....	\$0.25
7661	" " " Large Carton.....	.35
7662	" " " Bulk—Per 100 lbs.....	4.75

Make Your Garden Pay

Don't waste time and seed trying to make things grow in worn-out, sick and hungry soil. You can have wonderful success in all your garden efforts by using

BOWKER'S LAWN & GARDEN DRESSING

Here's a complete fertilizer that supplies the very plant food elements that the soil can't give enough of, and supplies them in a readily absorbed "pre-digested" form. That is why the use of Bowker's Dressing shows such quick results—on grass, shrubs, flowers and vegetables—every growing green thing

Bowker's Dressing, stirred in around the roots of flowers and shrubs will make a surprising difference in their luxuriance and brilliance. It gives fine results, too, when stirred thoroughly into the soil before planting.

In vegetable gardens, Bowker's Dressing, used liberally when making the garden and when seeding, will give an even, healthy growth all through the season, hasten maturity and improve quality. All garden vegetables thrive on Bowker's.

Quantity to Apply and Prices—10 lb. bag for 1000 sq. ft. of lawn or 500 sq. ft. of garden, **90c**, 25 lb. bag for 2,500 sq. ft. of lawn or 1,500 sq. ft. of garden, **\$1.75**, 50 lb. bag for 5,000 sq. ft. of lawn or 2,500 sq. ft. of garden **\$2.90**, 100 lb. bag for $\frac{1}{8}$ acre of lawn or $\frac{1}{4}$ acre of garden, **\$5.25**.

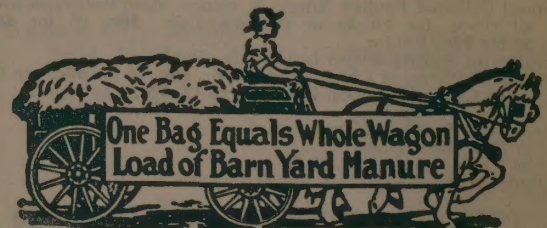
7663	Plant Food, Sterling Small.....	\$0.15
7664	" " " Large.....	.30
7679	Blood and Bone Garden Fertilizer—5 lbs.....	.65
7680	" " " Bulk, per 100 lbs.....	4.00
7681	Bone Flour Fertilizer—Per 100 lbs.....	5.25
7682	" " Meal.....	5.25
7683	Bulb Fibre for Growing Bulbs (Dry)—Per lb.....	.15
7703	Phosphate Powder (Basic Slag)—Per 100 lbs.....	2.25
7704	Land Plaster—Per 100 lbs.....	1.75
7706	Nitrate of Soda—Per 100 lbs.....	8.50
7718	Nitro-Culture for Alfalfa Clover, for 30 lb. seed. Per Bottle.....	.60
7719	" " " " 60 " " Per 100 lbs.....	1.20
	Muriate of Potash.....	7.00

STIMUPLANT A Fertilizer in the form of chemical tablets soluble in water. Valuable for Ferns, Palms and all house plants. Also for the garden.

7691 Trial pkt. of 10 tablets, **20c**, 25 tablets, **35c**, 100 tablets, **\$1.00**.

Sheep Manure

A natural plant food and soil conditioner, dried; sterilized; weed seed killed. It improves growth, makes far better quality, increases production of all plants, grass, flowers, vegetables and fruits.



Use 10 lbs. for each 100 square feet of surface, or one to 10 pounds for each shrub, tree, vine, etc., depending on size. Always mix well with soil. Remarkable results show quickly. Unequaled for house plants, window gardens, and everything that grows outdoors.

7686	Sheep Manure—Cartons,— 5 lbs.....	\$0.50
7686A	" " " 10 lbs.....	.75
7687	" " " Bag, 25 lbs.....	1.25
7688	" " " 50 lbs.....	2.10
7689	" " " 100 lbs.....	3.75

Insecticides

APTERITE—Apterite is a gray, non-poisonous powder which, when it comes in contact with soil, gives off a vapor. This vapor kills all underground insects such as Wireworms, etc. Apterite is for soil application—not for the leaves of the plant. Apterite should be uniformly distributed on the surface or in the soil among the insects, so that the gas evolved may destroy them. 5 lb. **75c**, 7 lb. **\$1.00**.

7726	Abol, Insecticide and Fungicide—The rose grower's friend. It destroys Aphids, Red Spider, Bud Borer and Mildew. ½ pt. 60c , 1 pt. 80c , 1 qt. \$1.50 , ½ gal. \$2.25	
7730	Ant Driver, Sterlingworth—Can—For use indoors.	.35
7731	Anti-cide—For use in lawn or garden.	.40
7734	Aphine for Red Spider—¼ pt. 40c , ½ pt.	.70
7738	Aphis Punk, for fumigating—For fumigating greenhouses, Per pkg., 12 sheets.	1.50
7739	Arsenate of Lead Paste, Grasselli—For all chewing insects—Per lb. 60c , 5 lb. \$2.00 , 10 lbs.	3.50
7742	Arsenate of Lead Powder, Grasselli—Per lb. 60c , 5 lbs.	2.25
7744	Black Leaf "40" Sulphate of Nicotine—A 40% solution of Sulphate of Nicotine for all sucking insects—Per 1 oz. 35c , ½ lb. \$1.75 , 2 lbs.	5.25
7751	Dry Bordeaux Mixture, Sterlingworth—Used as a preventive of Mildew—Per lb.	.40
7752	Bordeaux and Paris Green Mixture, Sterlingworth—For Mildew and chewing insects—Per lb.	.45
7755	Bordeaux Paste Mixture—For general spraying—Per 1 lb. 50c. , 5 lbs. \$1.90 , 10 lbs.	3.25
7765	Cut Worm Killer, Sterlingworth—Very effective and easy of application.	.35
7767	Fir Tree Oil Insect Destroyer—For all sucking insects and plant lice—½ pt. 85c , 1 pt.	1.50
7786	Grub Killer, Richard's XL All—Destroys all insects on roots or plants. 35c , and.	.60
7788	Hellebore, for Rose Bugs, etc.—Best for worms on currant and gooseberry bushes—¼ lb. 25c , 1 lb.	.75
7793	Kerosene Emulsion, Sterlingworth—A remedy against scales—Qt.	.60
7799	Lawn Sand, Richard's—Kills weeds in lawns also a good fertilizer—Per 28 lbs.	2.75
7800	Lemon Oil, Mealy Bug Destroyer—	.75
7801	Lime Sulphur Solution—Grasselli—For spraying of fruit trees. Qt. 50c , 2 qts. 65c , gal.	.95
7806	Lime Sulphur Solution, per 40 gal. barrel.	14.00
7807	London Purple—Mainly for Potato Bugs—Lb.	.60

"MAG-O-TITE"

An effective destroyer of all worms, grubs, etc., that infest the soil. It should be used freely in spading and also by dusting it liberally alongside the rows of growing plants and then covered with earth.

7808	Mag-o-Tite, 2 lb. 50c , 4 lb. 90c , 8 lb.	1.50
	Mag-o-Tite (in bulk) 25 lb. \$3.75 , 100 lb.	12.00
7812	Mealy Bug Destroyer—Pkg.	.90
7813	Nicofume Liquid—A 30% solution of Sulphate of Nicotine for all green flies or plant lice—¼ lb. \$1.20 , 1 lb. \$3.75 , 4 lbs.	10.75
7818	Nicotine—Same as above—1 oz. 40c , 2 oz. 75c , 4 oz. \$1.25 , 8 oz. \$2.00 , 1 lb.	3.50
7827	Paris green—½ lb. 40c , 1 lb. 70c , 5 lbs. \$3.00 , Bulk, per 10 lbs.	5.75
	Ask for prices on large quantities.	
7832	Plant Lice Killer, Sterlingworth.	.30
7834	Pyrox Arsenate of Lead and Bordeaux Mixture Paste—One of the most useful insecticides and fungicides—1 lb. 75c , 5 lb. \$2.75 , 10 lbs.	4.50
7837	Extract of Quassia—A bitter solution for Aphis on indoor plants	.30
7838	Quassia Chips—per lb.	.20
7840	Sterlingworth Roach Killer—Kills Cockroaches in dwellings.	.30
7842	Slug Shot, Hammond's—for destroying Cabbage worms—1 lb. 20c , 5 lbs. 90c , 100 lbs.	16.00
7846	Sulphate of Copper (Blue Stone) Lb. 20c , 25 lbs. \$4.50 100 lbs.	16.00
7847	Sulpho-Tobacco Soap—Soap combined with Sulphate of Nicotine for plant lice of all sorts—3 oz. 20c , 8 oz.	\$0.30
7849	Tobacco Stems—10 lbs. 40c , 25 lbs. 90c , 100 lbs.	2.75
7850	Sulphur Flour—Lb. 15c , 10 lbs.	.90
7853	Sulphur Candles, Sterlingworth—For disinfecting hen houses, sick rooms, etc.	.15
7856	Tobacco Powder, Sterlingworth—Used on house plants and in greenhouse—Lb.	.20
7857	Potato Bug Poison, Arsenite of Lime—Small 25c , Large 45c , 5 lbs. \$2.25 , 10 lbs.	4.25
7861	Tree Tanglefoot—Used as a ring protection on trees against the Tussock Moth—1 lb. 80c , 3 lbs. \$2.25 , 5 lbs.	3.50
7873	Vermine—Destroys Worms, Maggots, etc.—½ pt. 60c , 1 pt.	.85
7875	IXL Weed Killer—For walks, tennis courts, etc.	.60

"X-L-ALL"

ENGLISH INSECTICIDE

This effective insect poison gives even better results in cool weather and the demand is constantly increasing.

Per ½ pt. bottle (2 oz.)	\$0.35
Per ¼ pt.	.70
Per ½ pt.	1.10
Per pint.	1.75
Per quart.	3.00
Per half gallon.	4.00
Per gallon.	7.50

Insecticides—Continued,

7876	Weed Killer, Sterlingworth—To destroy all grasses, weeds, etc. on walks—1 lb. 65c , 5 lbs.	2.75
7879	Whale Oil and Tobacco Soap, Sterlingworth—A valuable remedy against all Aphis on plants.	.40
7881	Worm Eradicator, Radix—Used on lawns to destroy earth worms—Lb.	.85
7882	IXL Worm Composition—(Liquid, cannot be mailed)—For worms in lawns.	.35
	Gypsy Moth Creosote.	.40
	Maggot Acid.	.35
	Red Spider Emulsion.	.60
	Lime Sulphur—Dry—1 lb.	.50
	Arsenate of Calcicum.	.50
	Radium Fungicide.	.35
	Puralime—½ lb. 10c , 10 lbs.	1.50

Hand, Automatic, Bucket and Barrel
Sprayers, Watering Cans, Syringes
and Powder Bellows

7900	Hand Sprayers—Faultless—(see illustration) a useful all round article at low cost—Tin tank 65c , Galvanized tank 90c , Brass tank \$1.35 , All Brass.	1.75
7907	Hand Sprayer, Glass Bottle.	1.25
7908	Auto Spray—A continuous sprayer with two nozzles one of which permits spraying under the leaves—No. 25A, Continuous All Tin \$1.50 , No. 25B, Continuous Galvanized Tank \$1.75 , No. 25C, Continuous Brass Tank \$2.25 , No. 25D, Continuous 2 qt. Galvanized Tank \$2.25 , 25E, Continuous 2 qt. Brass Tank.	\$2.75
7918	Auto Spray, No. 40A, Brass Tank 8 gals. \$33.50 , No. 40C, Brass Tank, 12 gals.	42.50
7921	Auto Spray No. 40B, 12 gals. Brass Tank on truck \$55.50 , No. 40D, 12 gals. Galvanized Tank on truck.	42.50
7923	Bucket Sprayer—Junior No. 5.	6.25
7924	" " Myer's Lever No. 324 Brass tube and valves	9.75
7925	Bucket Sprayer—Myer's Imperial No. 325 (Compound Lever action)	6.75
7926	Bucket Sprayer—Myer's Little Giant No. 327½—A useful force pump, two nozzles.	6.25
7937	Knapsack Fountain Sprayers—Prize Galvanized, No. 654.	15.50
7940	Whitewash, Coldwater Painting Sprayer—Myer's No. 329.	19.50
7942	Gardener's Choice Tank Sprayer No. 651—For orchards or gardens and whitewashing (See illustration)	42.50
7947	Auto-Spray, No. 1B, Compressed Air, Brass tank, 2½ gals. with auto pop nozzle (See illustration)	13.50
7949	" " No. 1D, Compressed Air, Galvanized tank, 2½ gals. with auto pop nozzle.	10.75
7951	Auto-Spray, No. 5, Compressed Air, Complete.	9.75
7952	Aerospra Sprayer 663, Compressed Air—More strongly built than the above—Galvanized \$14.50 , Brass.	17.50
7956	Auto Sprayer, No. 4.	4.50
7957	Fountain Sprayer, Banner, Galvanized—Convenient for small gardens.	9.25
7960	Barrel Spray Pump, Myer's Improved No. 304—For orchards etc., to fit standing barrel.	14.25
7961	Barrel Spray Pump, Captain No. 632 (See illustration)	11.50
7966	" " " Myer's Portable with truck, No. R337B.	35.00
7969	Lawn Sprinkler, Fountain Ring (Brass).	1.50
7970	Rose Lawn Sprinkler Nozzle for florists use.	2.00
7975	Nozzles, Auto Pop—to fit all Auto-Spray tank sprayers.	2.25
7976	Lawn Sprinkler Nozzles Gem—For Garden Hose Only.	1.00
7977	Lawn Sprinkler Nozzles "Gem" with Lever.	2.25
7983	Sprayer Nozzle, No. 1323, Regular Vermorel—A convenient adjustable nozzle.	1.25
7984	Sprayer Nozzle, No. 1563—With universal thread, fits any sprayer.	.90
7985	Sprayer Nozzle, No. 1564.	.90
7986	" " 1019 Regular Bordeaux—with unclogging device.	1.25
7987	Sprayer Nozzle, No. 1378 Bordeaux Special (See illustration) with unclogging service.	1.35
7988	Sprayer Nozzle, No. 642 Imperial.	.65
7989	" " " 548 Sprinkling.	.65
7990	" " " 1065 Double Vermorel.	2.75
7991	" " " 1066 Triple Vermorel.	3.25
8001	Sprayer Extension Rods, Kant Klog Brass 2'.	.75
8002	" " " Myer's Iron, 6'.	.75
8003	Auto Spray, Brass extension rods, 3'.	1.75
8009	Mysto Bottle Sprinkler or Atomizer—A small force pump to fit a bottle (See illustration)	1.50



7926, \$6.25



7937, \$15.50

Gardener's
Choice Tank
Sprayer

7942, \$42.50

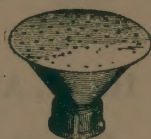


Generally Recommended for Inside Work.

No. 7966.—The Myers' Portable Sprayer is made for general use as a handy outfit about the home, greenhouse or orchard. Price \$35.00.



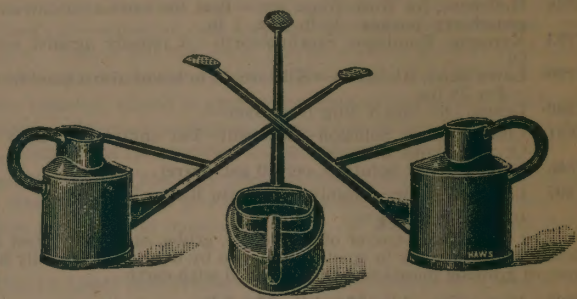
7947, \$13.50

7952, \$14.50
Brass, 17.50Hand Sprayers
Faultless All tin
7900, 65c.

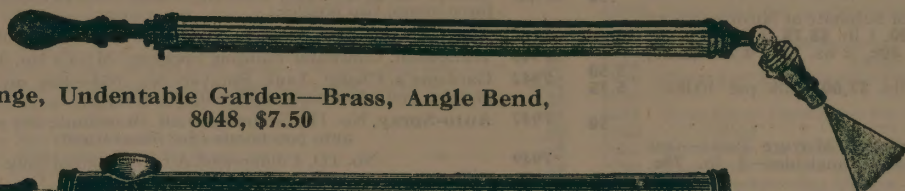
**Florist's and
Gardener's Hose
Sprinkler**
A wide face nozzle. The holes are small and numerous so that a copious yet gentle shower is given without washing or packing the soil. Price, for 3/4-inch hose, No. 7970, \$2.00.



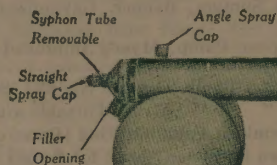
8009, \$1.50



8058, Watering Cans—English—\$4.75 to \$9.25

Syringe, Undentable Garden—Brass, Angle Bend,
8048, \$7.50

8032, Syringe, Garden—Brass, 1 Rose and Jet. \$1.75



Wooden Plug can be removed without taking out screws

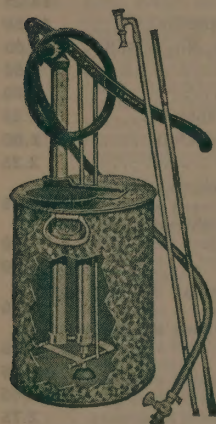


7983, \$1.25

7908, Auto Spray, Continuous—All tin. Each \$1.50.
Auto Spray, Continuous—Galv. Tank. Each \$1.75
Auto Spray, Continuous—Brass Tank. Each \$2.25

The Auto No. 40 Wheel Spray.

Applies fluids on garden crops, etc. Large capacity, tubular iron frame, 20-in. wheel. Tank, of heavy galv. steel or brass, holds solution and air pump with which operator keeps up a continuous spray. Machine is furnished with 8ft. high-pressure hose with connections in 8ft iron extension pipe; lever shut-off for tree-spraying; Vermorel nozzle, fits either hose or pipe. Price with 12 gal. steel tank, \$42.50; brass tank, \$55.50; 58 lbs.; crated, 75 lbs.

Auto Wheel
Sprayer
No. 40

7940, \$19.50



7961, \$11.50

7987, \$1.35

Copper Strainer

For straining white-wash, spraying material, etc. The neck is of the correct size to fit into the reservoir of an auto-spray, which allows both hands to be free when using it. \$1.40 each



Garden Syringes, Watering Cans, Lawn Sprinklers and Powder Blowers

8020	Garden Syringe, Brass and Zinc, No. 50, 1½"x18", Brass Rose	\$1.25
8022	" " " No. 97, 1½"x18", Rose only	1.75
8024	" " " No. 9851, 1½"x18", Rose and Jet	2.25
8026	" " " No. 9852, 1½"x18", 2 Roses and Jet	2.75
8028	" " " No. 1, 1½"x18", 2 Roses and Jet	5.00
8030	" " " No. 1, 1½"x18", 2 Roses and Jet	6.50
8032	" " " No. 2, 1¼"x16", 2 Ball Valve Roses and Jet	5.00
8034	Garden Syringe, Brass, No. 2, 1¼"x20", 2 Ball Valve Roses and Jet	6.50
8036	Garden Syringe, Brass, No. 4, 1½"x18", Ball Valve	4.75
8308	Greenhouse or Hot Bed Thermometers, brass tips	3.00
8051	Watering Cans, Japaned Tin, 2 qt. Canadian	.75
8052	" " " " 3 " "	.90
8053	" " " " 6 " "	1.15
8054	" " " " 10 " "	1.50
8055	Watering Cans, Galvanized, 6 qt. Canadian	1.75
8056	" " " " 10 " "	2.00
8057	" " " " 14 " "	2.50
8058	" " " English, Ladies', 3 qt.	4.75
8059	" " " " 4 qt. Low, for Shelf	5.50
8060	" " " " 4 " For Garden	5.50
8061	" " " " 6 " " "	6.75
8062	" " " " 8 " " "	7.50
8063	" " " " 10 " " "	8.25
8064	" " " " 12 " " "	9.25
Nos. 8058-64—Strong enamelled or galvanized with protecting hoop around the bottom.		
8075	Powder Blowers, Small Hand, Sterling	.20
8077	" " " Jumbo " "	.50
8078	Bug Death Hand "Shaker"—for distributing any powdered insecticide	.40
8079	Buster Brown Powder Blower—All tin, enamelled, a convenient article with extension lead	2.25
8080	Powder Distributors, Rubber, No. 523	1.75
8082	" " Bellows, Small	2.25
8085	" " " Ideal Large	3.25
8088	Lawn Sprinklers, Midget	1.75
8089	" " " Preston	2.75
8090	" " " Waverley	12.5

Leggett's Dry Powder Duster

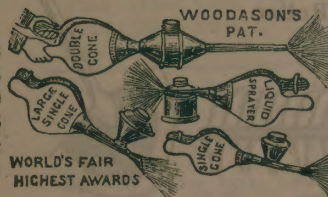
This is an indispensable machine where time and labor are considered. The weight is only six pounds. Simple to operate. Any farm hand, even a boy, can operate it; two rows can be dusted at once, and as fast as the operator may walk. Some crops are destroyed by insects for the want of a good duster. This is worth more than its cost in one season. It will dust Paris Green, tobacco dust and all dry-powdered insecticides and fungicides. When using Paris green, we recommend the mixing of dry air-slacked lime, using equal parts, or one of Paris green to three or four parts lime, according to the strength of the plants. Is also useful for dusting shrubs and trees. Shipping weight, 15 pounds. Price, \$15.00.



Bellows, Woodason's

Powder, small size	\$2.25
" large size	4.25
Liquid, small size	2.50
" large size	4.25

Double-Cone Powder Bellows. For dusting plants with dry powders to destroy insects and fungus. \$5.25



Lawn Mowers and Lawn Rollers

8102	Philadelphia Lawn Mower, Style "K" 14"	\$24.50
8103	" " " " " " 16"	25.50
8105	" " " " " " 20"	29.50
Philadelphia Lawn Mower, Style "K", both plain bearing and roller bearing—patented. Cylinder with fine blades. Driving wheel 10 inches. Diameter of cylinder, 6½ inches. Single pinion. Geared on both sides. Plain bearing type—A splendid general purpose mower for hard knocks. Generously big bearings bored with rifle barrel accuracy. Vanadium crucible steel blades. Single gears on each side. An exceedingly popular mower with the private owner, who likes to cut his own grass.		
8106	Philadelphia Lawn Mower, Style "Graham," 17"	\$35.50
8107	" " " " " " 19"	39.50
Philadelphia Lawn Mower, style "Graham," all steel. No front girth. 4-blade cylinder. Drive wheel, 10 in. Train of gears on both sides. Removable box caps.		
8112	Philadelphia Golf Lawn Mower, 17", 8 blades	\$48.50
8113	" " " " " " 19", 8 "	52.50
8114	" " " " " " 21", 8 "	55.50
8117	Star Lawn Mower, 14" 4 Blades	11.20
8118	" " " " " " 16" "	11.90
8119	Woodyatt Lawn Mower, 12" "	11.25
8120	" " " " " " 14" "	12.00
8121	" " " " " " 16" "	12.75
8122	" " " " " " 18" "	13.50
8123	Adanac " " " " 17" "	26.50
8124	" " " " " " 19" "	28.50
8125	Dominion Lawn Trimming Mower	8.75
8138	Philadelphia Lawn Trimming Mowers, 6"	9.75
Champion Lawn Mower Sharpener		.50
8141	" " Grass Collector, 14" to 21" in width	3.75

ROLL YOUR LAWN

Rolling will cure 50% of your lawn troubles. Rolling will eradicate weeds, keep grass from dying and promote even growth over which the mower will operate to perfection. It also discourages the work of moles, worms, ants, etc.

8152	Water Weight Lawn or Garden Rollers, 18x24	18.50
8153	" " " " " " 24x24	24.00
8154	" " " " " " 24x32	27.00

Greenhouse and Florist Sundries

	Price.
8272 Buttonhole Bouquet Holders, Nickel—Each	.40
8277 Wire Hanging Baskets, 8"	.35
8278 " " " 10"	.40
8279 " " " 12"	.50
8291 Eureka Galvanized Fumigators, No. 1	2.75
8292 " " " 2	3.25
8293 " " " 3	4.50
8294 Sulphur Vaporizer, Campbell's Patent No. 1	4.50
8295 Greenhouse Putty—Small tins	1.75
8296 " " " Large tins	2.75
8298 Mastica for Greenhouse—Mastica is elastic and tenacious, admits expansion and contraction. Putty becomes hard and brittle. Broken glass more easily removed without breaking of other glass as occurs with hard putty—Quart tins	.75
8299 Mastica for Greenhouse— $\frac{1}{2}$ gal. tins	1.40
8301 Scollay Putty Distributor—Rubber	1.75
8302 Mastica Glazing Machine	2.50
8303 Van Reyper Glazing Points	.95
8304 " " " No. 2 $\frac{1}{2}$	.95
8308 Greenhouse or Hot-Bed Thermometers, brass tips	3.00
8312 Spagnum Moss—Wired Bales	1.50
8313 " " " Canvas wrapped bales	2.00
8319 Toothpicks Wired for Florists use—Per 1,000	.35
8320 Virgin Cork—Per lb. 20c, 10 lbs.	1.75

Plant and Berry Boxes and Fruit Baskets



8329	Doz.	\$1.40	8327	100 for	1.75	8325	250 for	\$2.00
8325	Berry Boxes, quart size—Per 250	\$2.00						\$7.25
8327	Plant Boxes, No. 5 size—Per 100	\$1.75						12.50
8328	Fruit Baskets, 6 qts.—Doz.	\$1.20						7.50
8329	" " " 11 " "	\$1.40						8.50
8331	Shipping Crates, 27 qt., complete (in flat)—Each	40c						35.00
	per 100							
8332	Leno or Wood Covers for 6 qt. Baskets—Doz.	45c						3.00
8333	" " " " " 11 " "	45c						3.00
8336	Basket Fasteners—Per 2 lb. pkg.							.75
8337	Baskets, Iron Bound 1 bus. size—Each							.60
8338	" " " " 1½ " "							.70

8598, 85c.

8860, \$1.50

8871
8 in., \$2.25
Garden or Hedge
Shears, with Notch

8875, \$2.00

8841, \$2.25

8894, 32 in., \$1.75
8895, 36 in., \$2.00

8120, \$12.00

8864, \$2.50

Dandelion or Thistle Spud
1 in, 8690, 50c.

Dandelion or Thistle Spud,
with Hook, 1½ in. 8694, 60c.

WATERS
IMPROVED
TREE PRUNER.

8900-04, \$1.75
\$2.00, \$2.25
\$3.25, \$2.50

8600, \$1.00

7975, \$2.25

8795, \$1.75

8089, \$2.75

8889, \$1.00

7976, \$1.00

8152, \$18.50
Dunham Water Weight Lawn or
Garden Roller

8138, \$9.75

8765, \$1.75

8663, 95c.

8664, \$1.15

8665, \$2.25

8736, \$4.25

8887, 3.00

Pruning
or
Lopping
Shears

8846, \$2.75

7969, \$1.50

Garden Sundries

8175	Aphis Brushes, to brush Aphis off plants.....	\$1.25
8177	Birch Brush Brooms for cleaning Lawns.....	.20
8183	Garden Gloves.....	1.25
8184	Garden Lines, Best Hemp—Single.....	.80
8185	“ “ “ “ Double.....	1.50
8186	Reels for Garden Lines, Flat, F60-7”.....	.90
8187	“ “ “ “ Triangle, F61-7”.....	1.25

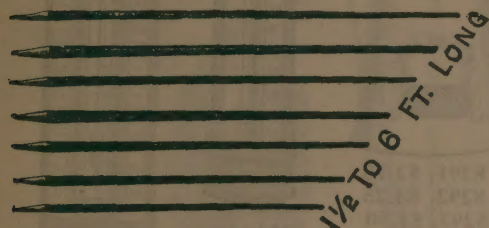
TROWBRIDGE'S GRAFTING WAX



8188	Grafting Wax 1/4-lb. pkg..	.25
8189	“ “ “ 1/2 “ “ “	.40
8190	“ “ “ 1 “ “ “	.70

Plain Painted

	Per 100	Per M	Per 100	Per M
8192 1/2 Wooden Pot Labels, 4”.....	\$0.30	\$2.50	.45	3.75
8194 “ “ “ 5”.....	.35	2.75	.50	4.00
8196 “ “ “ 6”.....	.40	3.25	.55	4.25
8198 1/2 Wooden Garden Labels, 8”.....	.95	8.75	1.35	11.50
8200 “ “ “ 10”.....	1.25	10.00	1.40	12.00
8202 “ “ “ 12”.....	1.35	11.50	1.50	12.75
8204 Tree Labels, Copper Wired.....	.35	2.50	.50	4.85



Round Plant Stakes—8217-8221

	Per Doz.
8217 Plant Stakes, light round, painted, green, extra quality, 3 1/2”.....	\$1.50
8218 Plant Stakes, light round, painted green, extra quality, 4”.....	1.75
8219 Plant Stakes, heavy round, painted green, extra quality, 4 1/2”.....	2.25
8220 Plant Stakes, heavy round, painted green, extra quality, 5”.....	2.75
8221 Plant Stakes, heavy round, painted green, extra quality, 6”.....	3.15
8227 Bamboo Plant Stakes, Green, 1 1/2”—Doz. 20c.....	.90
8228 “ “ “ 2”.....	1.25
8229 “ “ “ 3”.....	1.75
8230 “ “ “ 4”.....	2.00
8231 “ “ “ 5”.....	2.75
8233 “ “ “ Natural, 5’—Doz. 40c.....	2.00
8234 “ “ “ 6’.....	2.25
8235 Bamboo Plant Stakes, Heavy, Natural, 8’—Doz. 65c, per 100.....	4.75
8236 Bamboo Plant Stakes, Heavy, Natural 10’—Doz. 75c, per 100.....	4.75
8237 Bamboo Plant Stakes, Extra Heavy, Natural, 10’—Doz. 75c.....	5.50
8239 Tortoise Bamboo Plant Stakes, 3/4”-1”.....	20.00
8240 “ “ “ 1 1/4”.....	25.00

The “Adjusto” Plant Support is a marvel for simplicity and efficiency. It consists of two parts: an oak stake pointed at the bottom and painted green, and a hoop of the toughest wire, also painted green to prevent rust. It contains no nails, hooks, or screws. It holds securely any flower or plant and can be adjusted to any height to conform with the plant's growth. For all 'round garden use and as permanent equipment the “Adjusto” Plant Support can't be touched by anything on the market either in respect to cost or the way they do the work. And then they save the time and labor you otherwise would spend on inefficient equipment. Plants thrive when supported by the “Adjusto” and are sure to bear more beautiful blossoms and perfect fruit.

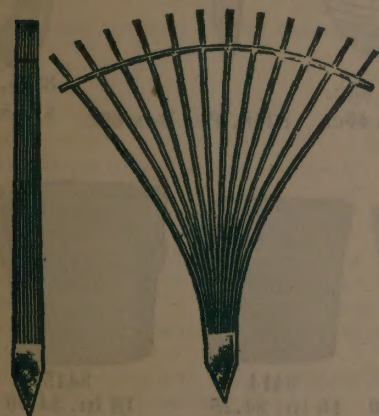
	Per Doz.
8243 “Adjusto” Wire Plant Supports, 36”.....	2.25
8244 “ “ “ 48”.....	2.75
8245 “ “ “ 60”.....	3.00
8246 “Adjusto” Wire Plant Supports, for Tomato plants.....	2.75
8248 Chandler's Wall Nails for Supporting Vines—Per box.....	.80
8249 Rex Tags for Supporting Vines—Per box.....	.35
8250 “ “ “ Large box.....	1.00
8251 Colored Raffia, 10 shades—1/4 lb. hanks 50c, per lb.....	1.60
8252 Natural Raffia,—Per lb. 40c, 10 lbs. \$3.25, 100 lbs.....	22.50
8254 Thermometers, tin case, 8”—Each 60c, doz.....	6.00

Thermometers

8258	Registering, with magnet, 16”.....	2.75
8259	Registering, with magnet, 8”. Superior Quality.....	4.25
8260	Standard Mercury 8”.....	1.15
8261	Coppered, (spirit).....	.50
8262	Metal Scale, 7”.....	.55
8263	Metal Scale, 8”.....	.65
8264	Hotbed, 16”.....	3.00

Collapsible Vine Trellis

These are made of wood and open out into fan shape. For house or outdoors to train plants on. 24 inches high, 60c, 36 inches high, 1.00 60 inches high, \$2.75, 72 inches high, \$3.50, each here.



Earthenware, Wooden and Fibre-ware Plant Pots and Tubs



EARTHENWARE POTS

8360	1 1/2” — Doz. 20c.	
	Per 100.....	\$1.00
8361	2” — Doz. 20c.	
	Per 100.....	1.10
8362	2 1/2” — Doz. 25c.	
	Per 100.....	1.25
8363	3” — Doz. 25c.	
	Per 100.....	1.45
8364	3 1/2” — Doz. 30c.	
	Per 100.....	2.00
8365	4” — Doz. 35c.	
	Per 100.....	2.30
8366	4 1/2” — Doz. 50c.	
	Per 100.....	2.75
8367	5” — Doz. 60c.	
	Per 100.....	3.25
8368	6” — Doz. 75c.	
	Per 100.....	5.25

8369	7” — Doz. \$1.10, Per 100.....	8.00
8370	8” “ 1.90 “ “.....	12.75
8371	9” “ 2.50 “ “.....	18.00
8372	10” — Each 35c, doz. \$3.50, Per 100.....	25.00
8373	12” — “ 70c, “ 7.50.....	
8374	14” — “ 90c, “ 10.00.....	
8376	Standard Flower Pot Saucers, 4” — Doz. 25c, per 100.....	1.35
8377	“ “ “ 5” “ 35c, “.....	2.25
8378	“ “ “ 6” “ 40c, “.....	3.40
8379	“ “ “ 7” “ 60c, “.....	4.75
8380	“ “ “ 8” “ 90c, “.....	6.75
8381	“ “ “ 9” “ \$1.35 per 100.....	9.50
8382	“ “ “ 10” — Each 20c, doz. \$2.25, Per 100.....	12.50
8383	“ “ “ 12” “ 45c, “.....	4.50
8384	“ “ “ 14” “ 50c, “.....	5.25
8385	Azalea or 3/4 size Flower Pots, 6” — Each 10c, doz.....	.80
8386	“ “ “ 7” “ 12c, “.....	1.20
8387	“ “ “ 8” “ 25c, “.....	2.00
8394	Bulb or Fern Pans, 3”x6” — Each 8c, doz.....	.60
8395	“ “ “ 3 1/2”x7” “ 10c, “.....	1.00
8396	“ “ “ 4 1/2”x8” “ 20c, “.....	2.00
8397	“ “ “ 6”x10” “ 25c, “.....	2.50
8398	“ “ “ 7”x12”.....	.50
8399	“ “ “ 8”x14”.....	.65
8404	Earthenware Hanging Baskets, 10” — Each 25c, doz.....	2.75
8405	“ “ “ 12” “ 35c, “.....	3.50
8406	“ “ “ 14” “ 50c, “.....	5.00

Packing 20% extra, buyers risk of breakage in transit.

8410	Plant Tubs, Cypress, 10” electric welded hoops—Each.....	1.50
8411	“ “ “ 12” “.....	2.25
8413	“ “ “ 14” “.....	3.50
8414	“ “ “ 16” “.....	4.25
8415	“ “ “ 18” “.....	4.50
8418	“ “ Red Cedar, 14” painted green iron feet—Each.....	4.75
8419	“ “ “ 16” “.....	6.50
8420	“ “ “ 19” “.....	6.75
8421	“ “ “ 22” “.....	8.50

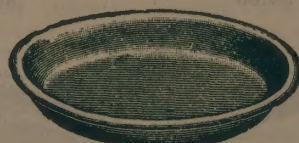
NEPONSET WATERPROOF PAPER FLOWER POTS

8424	2 1/2” — Per 1000.....	\$6.50
8425	2 1/2” “ “.....	7.50
8426	3” “ “.....	10.50
8427	3 1/2” “ “.....	13.50
8428	4” “ “.....	17.00
8429	5” “ “.....	25.50
8430	6” “ “.....	36.00
8431	Rolling Stands for Fibre Plant Tub, 14”.....	1.75
8433	“ “ “ “ 18”.....	2.75
8438	“ “ “ “ 22”.....	3.25

Flower Pot Saucers

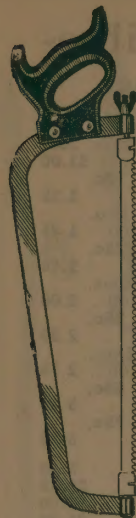
FIBREWARE. Waterproof

Light and not readily broken; have a surface, unlike earthenware, that will not scratch. Order saucer 2 inches larger than the bottom diameter of pot.

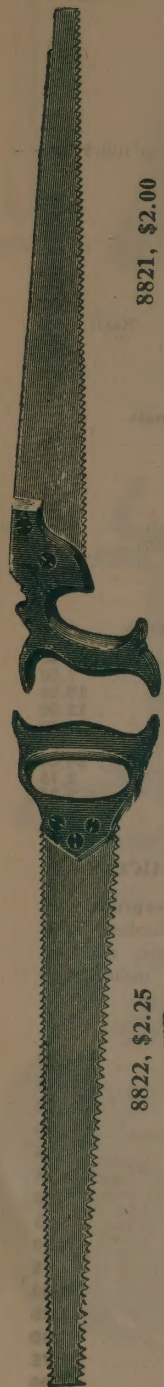


Flower Pot Saucer—(Low prices to clear)

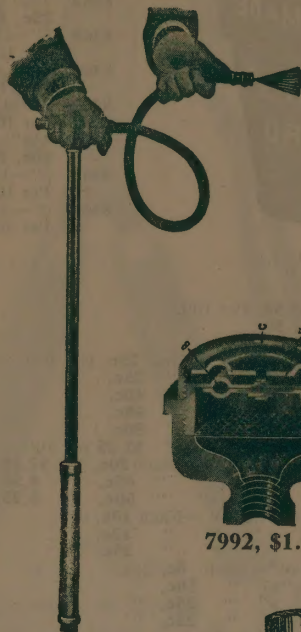
8440	Fibreware Saucers for Flower Pots and Tubs 5” — Each.....	.12
8442	“ “ “ “ 6” “.....	.15
8443	“ “ “ “ 7” “.....	.20
8445	“ “ “ “ 8” “.....	.20
8446	“ “ “ “ 9” “.....	.25
8447	“ “ “ “ 10” “.....	.25
8449	“ “ “ “ 12” “.....	.30
8451	“ “ “ “ 14” “.....	.35
8463	Hyacinth Glasses, tall or low style—Each 40c, doz.....	4.00
8464	Bulb Bowls, 6” — Each.....	.75
8465	“ “ “ 7” “.....	1.00
8466	“ “ “ 8” “.....	1.25
8537	Wooden Orchid Baskets, 6”.....	.60
8538	“ “ “ 8”.....	.75
8539	“ “ “ 11”.....	1.00



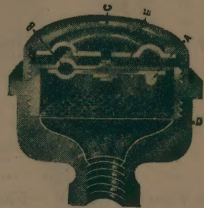
8824, \$3.25



8821, \$2.00



7923, \$6.25



7992, \$1.00



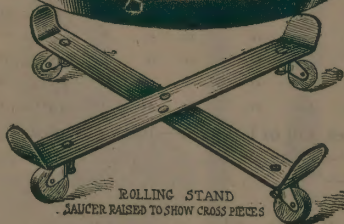
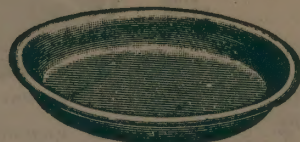
Wooden Pot Labels, 8192-8204



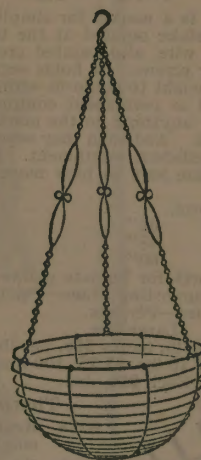
8463, 40c. Doz., \$4.00



8464-5-6

8431
14 in. \$1.75

8445, 8 in. 20c.



8277, 8 in. 35c.

8278, 10 in 40c.

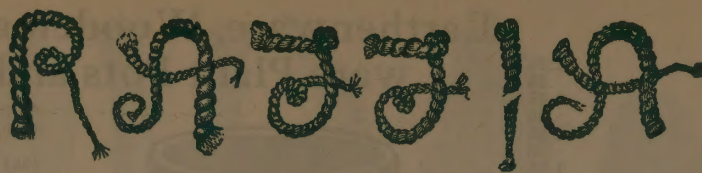


8248, Per Box 80c.

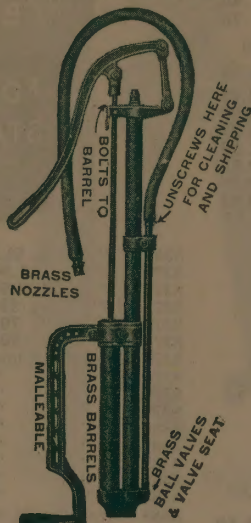


8820,

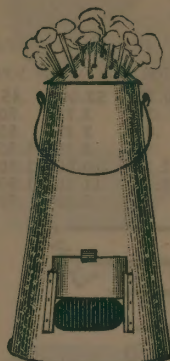
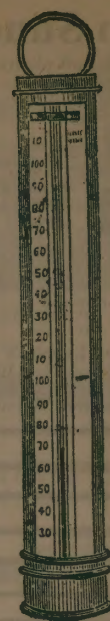
\$1.75

8410
10 in. \$1.508411
12 in. \$2.258413
14 in. \$3.508414
16 in. \$4.258415
18 in. \$4.50

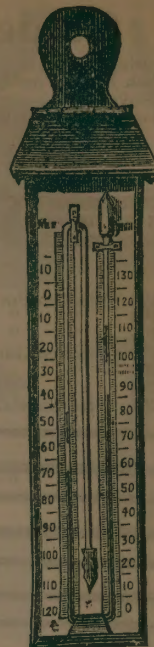
8252, Per lb. 40c.



7924, \$9.75

8291, \$2.75
8292, \$3.25
8293, \$4.50

8254, 60c.

8259
10 in., \$4.25

8264, \$3.00

Auto Spray
Glass Bottle
7907, \$1.25

Garden Tools for Cultivating and Digging



MAGIC WEEDER TOOLS

8540	Style A. length	9 1/4"	width	2"	(Illustrated Above)	\$0.25
8541	" B.	20	"	2"	"	.35
8452	" C.	10	"	3"	"	.50
8543	" D.	11 1/4	"	3"	"	.75
8544	" E.	11 1/4	"	3"	"	.80
8545	" F.	50	"	4"	"	.90
8546	" G.	57	"	5"	"	1.25
8547	" H.	56	"	4"	"	1.75
8548	" K.	56	"	4"	"	1.75

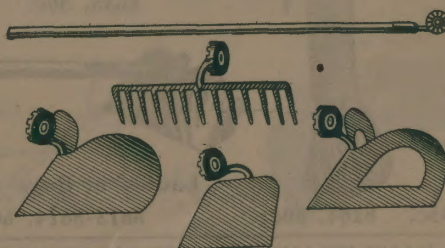
The Norcross Handled Cultivators and Weeder—Most useful of hand Garden Tools. It will pull out weeds, pulverize the ground thoroughly, leaving it level. It will work between rows or the centre shovel can be removed and the row straddled if desired.

8560	Norcross Hand Cultivator, Small 3-prong, No. 11, 9"	.60
8561	" " " " Medium, 3-prong, No. 33, 4"	1.25
8562	" " " " Large, 5-prong, No. 55, 4"	1.50
8563	Handy Garden Hoe	1.50
8564	Handy Garden Pulverizing Hoe	1.50
8566	Cultivator, Pull Easy Jr.	1.25
8567	" " " " Large	2.25
8572	Garden Dibble Wood Handle, 218.	.85
8573	" " " " Iron Shod, 65.	.85
8574	" " " " D Handle, 2200.	.90
8576	Border or Weeding Forks, D Handle, F165.	2.25
8576a	" " " " Flat-Pronged.	2.75
8577	Spading or Digging Forks, 4-prong, F181—English.	2.25
8578	" " " " 5-prong.	2.75
8594	Daisy Grubbers or Weed Pullers, F32.	.50
8595	" " " " " 34.	.75
8596	" " " " " 35.	.75
8598	" " " " " F72 1/2.	.85
8599	" " " " " F33.	.95
8600	" " " " " 120.	1.00
8602	Dutch Hoes, best English make, 4"	.70
8603	" " " " " 5"	.75
8604	" " " " " 6"	.75
8605	" " " " " 7"	.85
8606	" " " " " 8"	.95
8607	" " " " " 9"	1.15
8609	" " " " " F49, with handles, 5"	.75
8610	" " " " " with Handles, English make, 51, 6"	.85
8611	" " " " " " " 7"	.90
8612	Dutch Hoes, with Handles, English make, No. 51, 8"	.95
8613	Ladies' or Boys' Hoe, 51, 4"	.60
8614	" " " " " " 5"	.60

Garden Tools for Cultivating and Digging—Continued

8626	Garden, Field or Nursery Hoes, 6" Canadian.	\$0.90
8627	" " " " " 7" "	1.10
8629	Hoe and Rake Combined, 4 1/2" (See Illustration)	.90
8632	Handles for Hoes and Rakes.	.20
8634	Garden Rakes, No. 3, 10-tooth, best English, without handles.	.45
8635	" " " " " 12 " " " " "	.50
8636	" " " " " 14 " " " " "	.60
8639	" " " " " F12 112 " " " " "	1.10
8640	" " " " " 14 " " " " "	1.50
8641	Champion Steel Garden Rakes, 12-tooth.	1.00
8642	" " " " " 14 " " " " "	1.15
8643	" " " " " 16 " " " " "	1.25
8648	Malleable Garden Rakes, 12 tooth.	.60
8649	" " " " " 14 " " " " "	.60
8650	" " " " " 16 " " " " "	.75
8655	" " " " " Wrought Steel Bow Rakes, 12-tooth.	1.30
8656	" " " " " 14 " " " " "	1.50
8657	" " " " " 16 " " " " "	1.75
8663	Queen City Wire Lawn Rakes, 20-tooth.	.95
8664	" " " " " 24 " " " " "	1.15
8665	Jumbo Queen City Wire Lawn Rakes, 36-tooth, 2 1/2' wide.	2.25
8666	" " " " " 42 " 3' " " "	2.25
8667	" " " " " 46 " 20' " " "	2.50
8674	J D. Lawn Rake, No. 2, 20", Made of sheet steel, close teeth, for cleaning lawns.	1.25
8677	English Garden Spades, 174x2, Best Sheffield make	3.25
8678	" " " " " 176x1, " " " " " Light black.	3.50
8679	" " " " " 176x2, " " " " " Light bright	3.75
8680	" " " " " 176x3, " " " " " Heavy black	4.00
8681	Canadian " " " " " Light	1.25
8682	" " " " " Heavier	2.25
8685	Ladies' " " " " " English	3.00
8690	Dandelion or Thistle Spuds, English make, (See Illustration)	.50
8691	Dandelion or Thistle Spuds, English make, (See Illustration)	.50
8692	Dandelion or Thistle Spuds, English make, (See Illustration)	.50
8693	Dandelion or Thistle Spuds, English make, (See Illustration)	.50
8694	Dandelion or Thistle Spuds, English make, (See Illustration)	.60
8695	Dandelion or Thistle Spuds, English make, (See Illustration)	.60
8696	Dandelion or Thistle Spuds, English make, (See Illustration)	.60
8703	Tree Scraper, with short handle, (See Illustration)	.70
8704	Ladies' Garden Trowel, No. 216, 6"	.25
8705	" " " " " 213, 6"	.25
8707	" " " " " 215, 6", Extra Heavy.	.30
8709	Transplanting Trowel, No. 217, 7", Narrow.	.30
8710	English Pattern Garden Trowel, Extra Heavy, No. 214, 6"	.30
8711	Garden Trowel, English make, 10/11, 6"	.35
8712	" " " " " American make, 12, 7"	.30
8722	" " " " " 2120, 6"	.65
8723	" " " " " best English make, 1620, 6" (12 1/2" total length)	.70
8724	" " " " " F16, 6"	.75
8725	" " " " " F16, 7" (Illustrated)	.90
8726	Forged Steel Garden Trowel, 211, 6"	.90
8727	Transplanting Trowel, Hoe style, 217a.	.85
8728	Garden Trowel, best English make, 1624, 6" (14" total length).	.60
8730	Fern or Narrow Blade Trowel.	.90
8732	Bulb Trowel, Wide, Heart-shaped, 216a.	.95
8736	Turfing or Sod Cutting Spades, F145, D Handle, extra strong, English, (See Illustration)	4.25
8737	Weeding or Asparagus Knives, 1111/2/3 (Illustrated)	.50
8740	" " " " " 110/3 " "	.60
8741	" " " " " 2500 " "	.70
8743	Weeding or Hand Garden Forks, 400/4.	.45
8744	" " " " " F23.	.50
8745	" " " " " F95.	.50
8750	" " " " " 1622.	.60
8751	Claw-shaped Hand Weeder.	.30
8752	Diamond-shaped Hand Weeder (Illustrated).	.30
8753	Eureka Hand Weeder (Extra Strong) (Illustrated).	.50
8754	Hazeltine " " (Excellent for Onions)	.40
8755	Lang's " " "	.30
8762	Wikeman Weed Killer, for applying Weed Killer to Weed Roots	3.75
8763	Erado " " " " " " " "	1.25
8764	Erado Weed Killer, for applying Weed Killer to Weed Roots, Brass.	1.75
8766	Cleveland Lawn Weeder—cuts and lifts the weeds out.	1.15

Perfection Garden Tools

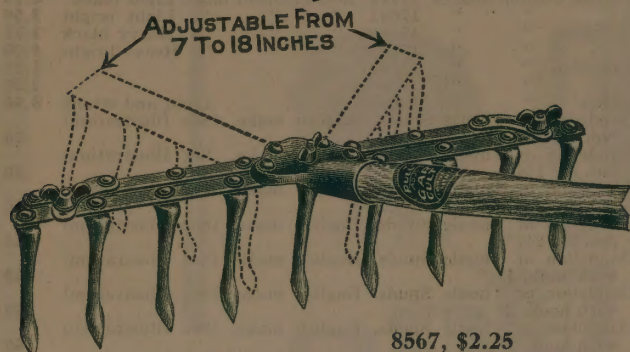


The full set consists of a Plow, Cultivator, Rake and Hoe. The handles are adjustable so that the tools can be set at any angle as required.

Any one of the four tools, complete with handle, \$1.50.



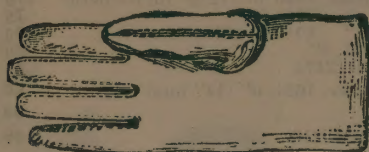
8566, \$1.25



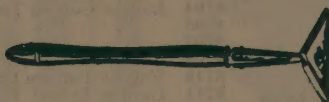
8567, \$2.25



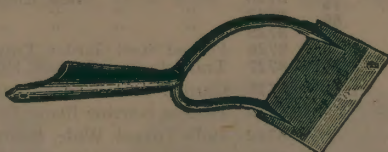
Diamond Hand Weeder 8752, 30c.



8183, \$1.25



8703, 70c.



Dutch Hoe, 8602-8607



Garden Trowel, 12½ in. total length—8723, 70c.

ERADO It Kills Weeds

An excellent tool for killing weeds in lawns. It not only cuts off the tops but kills the roots by depositing a quantity of gasoline or other material thereon. Price, galvanized cylinder \$1.25, brass cylinder \$1.75.



8744, 50c. 8750, 60c.

8626, 90c.
8627, \$1.10

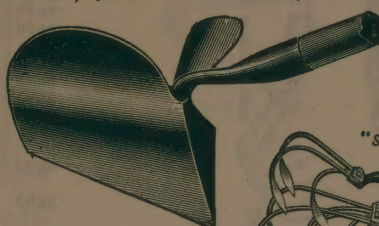
8755, 30c.



8741, 70c. 8725, 90c.



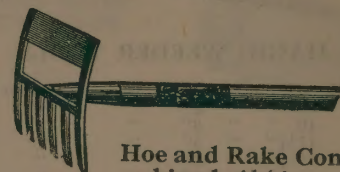
8753,



8563, \$1.50



8561, \$1.25 8562, \$1.50 [8560, 60c

Hoe and Rake Combined, 4½ in.
8629, 90c.

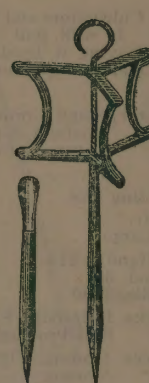
8745, 50c.



8730, 90c.



8732, 95c.



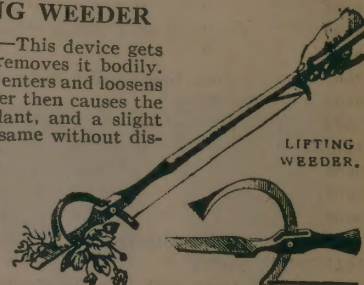
8187, \$1.25



8186, 90c.

CLEVELAND LIFTING WEEDER

No More Broken Backs—This device gets at the root of the evil and removes it bodily. The curved edge of the blade enters and loosens the soil; pressure on the lever then causes the toothed jaw to grasp the plant, and a slight pull suffices to dislodge the same without disturbing surrounding sod. Price \$1.15 each.



LIFTING WEEDER.

HALL'S DANDELION PULLER.—It does not root up the lawn, but gets the dandelion by the roots. Satisfaction guaranteed. 75c. each.



8574, 90c.



8573, 85c.



8184, 80c.

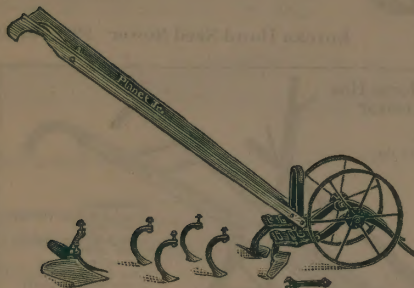
Garden Rake, 12 tooth
8635, 50c.Ladies' or Boys' Hoe
8613-8614, 60c.



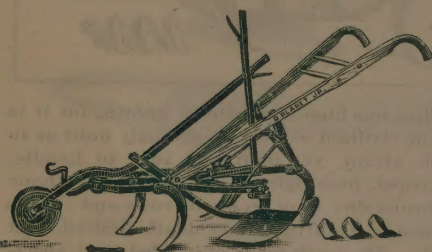
Sowing Seed With Planet Jr. Drill



No. 25 Planet Jr. Combined Hill and Drill Seeder and Double Wheel Hoe



No. 12 Planet Jr. Double Wheel Hoe



No. 8 Planet Jr. Horse Hoe and Cultivator



Planet Jr. Double Wheel Hoe in Extensive Cultivation

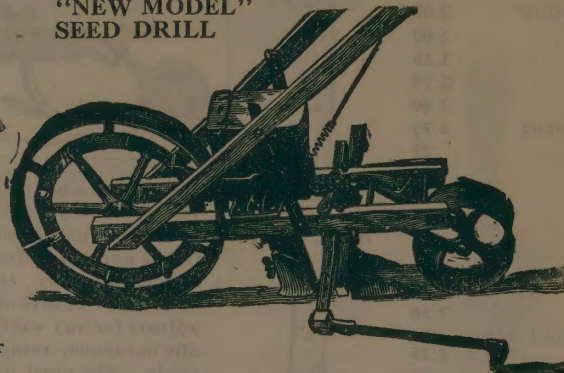
Planet Jr. Farm and Garden Tools

We offer these tools as the highest type of their class. They have a great variety of attachments which adapt the implements to a large variety of work, and there is scarcely any up-to-date florist or nurseryman that has not adopted the Planet Jr. Tools. You can do more work and better hoeing and cultivation, and plants thrive better when the proper tool is used.

- Planet Jr. No. 3—Hill Dropping and Drill Seeder only.** Capacity, 3 qts. **\$24.00**
Planet Jr. No. 4—Combined Hill and Drill Seeder and Single Wheel Hoe. Capacity, 2½ qts. **22.50**
Planet Jr. No. 4D—Hill and Drill Seeder only. **18.25**
Planet Jr. No. 5—Hill and Drill Seeder. Capacity, 5 qts. Has 16½ in. drive wheel. **28.00**
Planet Jr. No. 25—Combined Hill and Drill Seeder and Double Wheel Hoe complete. Capacity, 2½ qts. **27.25**
Planet Jr. No. 31—Combined Drill Seeder and single Wheel Hoe. **17.00**
Planet Jr. No. 31D—As a Drill Seeder only. **12.50**
Planet Jr. No. 33—Single Wheel Hoe equipment of No. 1. **8.25**
Planet Jr. No. 16—Single Wheel Hoe. Has 1 Plow, 2 Hoes, 3 Cultivator Teeth, 2 Rakes and Leaf Lifter. **11.75**
Planet Jr. No. 17—Single Wheel Hoe. Has 1 Plow, 2 Hoes and 3 Cultivator Teeth. **10.00**
Planet Jr. No. 17½—Single Wheel Hoe. Has 2 Hoes and 3 Cultivator Teeth. **8.75**
Planet Jr. No. 19—Single Wheel Hoe. **8.75**
Planet Jr. No. 11—Double Wheel Hoe. Has 2 Plows, 4 Hoes, 4 Cultivator Teeth, 2 Leaf Lifters and 4 Rakes. **22.00**
Planet Jr. No. 12—Double Wheel Hoe. Has 2 Plows 2 Hoes, 4 Cultivators and Leaf Lifters. **14.50**
Planet Jr. No. 13—Double Wheel Hoe. Has 2 6-inch Hoes only. **10.50**
Planet Jr. No. 8—Horse Hoe and Cultivator, with depth regulator and expander. **22.00**
Planet Jr. No. 9—Horse Hoe and Cultivator, plain, with wheel only. **22.75**
Planet Jr. No. 90—Twelve-Tooth Harrow, Cultivator and Pulverizer complete, as illustrated. **22.00**
Fire-Fly Hand Plow—A useful Tool. Will make a furrow 4 to 6 inches wide and 1 to 3 inches deep. **6.00**

Iron King Seeder. **\$15.00**
Iron King Cultivator. **\$12.50**

"NEW MODEL" SEED DRILL



New Model Drill

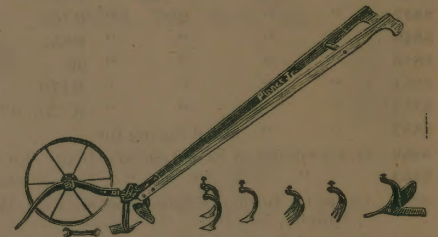
Perfect Index; Instantaneous Cut-off; Adjustable Marker; Broad Wheel; Steel Opening Plow, Adjustable Handles.

Popular with seedsmen and market gardeners. Exact regulation of seed discharged by using an eccentric index or indicator which adjusts the slide for opening exactly where you want it. No series of holes which have to be used whether they answer or not. A swinging cut-off stops flow of seed—does not jam with falling seed.

Each drill crated and carefully packed for shipment. Packed weights 50 lbs. Price **\$15.00**



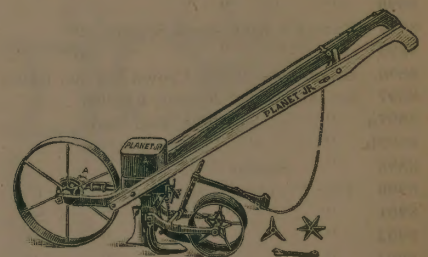
The Planet Jr. Wheel Hoe in Operation



No. 16 Planet Jr. Single Wheel Hoe



No. 90 Planet Jr. Twelve-Tooth Harrow, Cultivator and Pulverizer



No. 3 Planet Jr. Hill and Drill Seeder



Cultivating with the Planet Jr. Horse Hoe

Vegetables and Market Gardening

8502.	Asparagus. By F. M. Hexamer. Deals with every requirement to successful Asparagus Culture.	\$1.00
8506.	The Back Yard Farmer.	\$1.35
8512.	Cabbages, Cauliflowers and Allied Vegetables. By Allen.	\$1.00
8512.	Celery Culture. By W. R. Beattie. A practical guide.	\$1.00
8522.	Gardening for Profit. By Henderson. Secret of one man's success written for the benefit of others.	\$2.20
8528.	Home Vegetable Garden. A Practical and Suggestive Guide.	\$1.65
8529.	Home Vegetables and Small Fruit.	\$1.40
8536.	Mushrooms, How to Grow Them for Profit and for Home Use. By Falconer.	\$1.75
8537.	Mushroom Culture. By Robinson.	\$1.00
8540.	The New Onion Culture. By Greiner. How to grow Onions of largest size and yield, on less land, than can be raised by old plan.	\$1.00
8548.	Productive Vegetable Growing. By Lloyd.	\$3.00
8552.	School and Home Gardening. By Davis.	\$1.60
8554.	Success in Market Gardening. By Rawson. Revised.	\$1.55
8556.	Tomato Culture. By Tracy. Suggestions and Information nowhere else available.	\$1.00
8567.	Propagation of Plants. By Fuller. An eminently practical and useful work.	\$2.20
	Money in the Garden. By Quinn. A practical work, illustrated.	\$1.60
	A. B. C. of Potato Culture. By Terry.	75c
	The New Rhubarb Culture. A complete guide to dark forcing and field culture.	\$1.00
	Tobacco Leaf. By Myrick and Killbrew. From Growing to Selling.	\$2.75
	Vegetable Gardening. A most complete and practical work. Watts.	\$2.75
	Every Step in Canning. Easiest and Quickest Method to Can and Prevent Waste.	\$1.40
	Successful Canning.	\$3.00

Flowers and Ornamental Plants

74.	Bulbs and Tuberous Rooted Plants. By Allen. Practical and to the Point.	\$2.20
80.	Four Seasons in the Garden. By Rexford.	\$1.75
82.	Gardening for Pleasure. By Henderson. It meets the wants of all classes.	\$2.20
8588.	Handbook of Plants. A leading authority on plants; also a strictly reliable guide on cultivation. By Henderson.	\$4.25
8590.	Home Floriculture. By Rexford. A practical guide to the treatment of flowering and other ornamental plants in the house and garden.	\$1.95
8600.	Parsons on the Rose. A treatise on the propagation, culture and history of the Rose.	\$1.75
8601.	Practical Floriculture. A guide to the successful propagation and cultivation of florists' plants. By Henderson.	\$2.20
8607.	The Seasons in a Flower Garden. By Shelton.	\$1.20
8612.	Your Plants. By Shehan. Plain and practical directions for the treatment of tender and hardy plants in the house and in the garden.	45c
8624.	Landscape Gardening. By Prof. Waugh. Every paragraph is short, terse, and to the point, giving perfect clearness to the discussion at all points.	\$1.40
8625.	Lawns and How to Make Them. By Barron.	\$1.35
8626.	Shrubs, Vines and Herbaceous Plants.	\$1.90
8629.	Window Flower Garden. The author's personal experience in window gardening during a long period.	\$1.00
	Bulb Culture.	75c
	The Gladiolus. By Crawford.	\$1.75
	Greenhouse Construction. Complete details on.	\$2.50
	Greenhouse Management. A thoroughly practical book for florists.	\$2.50
	Home Floriculture. By Page.	50c
	Horticulture. (Davis)	\$1.50
	Indoor Gardening. By Rexford. The growing of flowering and ornamental plants in house, window garden and conservatories.	\$1.20
	Productive Plant Husbandry.	\$2.00
	Rural Improvement. By Waugh. The principles of the same.	\$1.95
	Wild Flowers and Fruits.	\$1.50
	Modern Training and Handling. By Waters.	\$2.00
	Hedges, Windbreaks, Shelters and Live Fences. By E. P. Powell. A treatise on the planting, growth and management of hedge plants for country and suburban homes.	\$1.00
	Vines and How to Grow Them. A practical volume.	\$1.20
	Water Lilies.	\$1.35

Fruit Culture

8631.	Beginner's Guide to Fruit Growing. By Waugh.	\$1.40
8635.	Fruit Harvesting, Storing and Marketing. No progressive fruit grower can afford to be without this most valuable book.	\$1.95
8639.	The Practical Fruit Grower. By Maynard. Just what the beginner needs and the successful fruit man practises.	\$1.00
8640.	Small Fruit Culturist. Fuller. Covers the whole ground of culture of small fruits.	\$1.75
8644.	Strawberry Culturist. By Fuller. Containing all information necessary to enable everybody to raise their own strawberries.	45c
	American Apple Orchard. Actual experience of a practical man.	\$1.95
	Fruit Culturist, American. Culture of all the fruits. Thomas.	\$3.85
	American Grape Growing and Wine Making. By Hushman. New and enlarged edition.	\$2.20
	Canadian Apple Growers Guide. By Woolverton.	\$2.25
	Field Notes on Apple Culture. By Bailey.	75c
	Fuller's Grape Culturist. A treatise on the cultivation.	\$2.20
	Modern Fruit Marketing. Covers methods harvesting, packing, storing and selling fruit.	\$1.95
8638.	Orchard and Fruit Garden.	\$1.35
	Each Culture. A complete guide. Fulton.	\$1.25
	Ear Culture for Profit. Deals with every step from character of soil to packing for market.	\$1.40
	Pruning Manual, by Bailey. Devoted exclusively to pruning.	\$2.75

Pests—Insects and Weeds

8650.	Fumigation Methods. By Johnson. An indispensable book	\$1.95
8651.	Insects and Insecticides. By Prof. Weed. A practical manual concerning noxious insects and methods of preventing their injuries.	\$1.95
8653.	The Spraying of Plants. By Prof. Lodeman.	\$1.85
8658.	Weeds and How to Eradicate Them. By Prof. Shaw.	55c
	Praying Crops, Why, When and How.	\$1.00
	Weeds of the Farm and Garden. Enables the farmer to treat his field to remove weeds.	\$2.20

Bees, Poultry, Pigeons and Birds

6660.	The American Standard of Perfection. (Adopted by American Poultry Association). Descriptions of recognized breeds, judges' instructions, etc.	\$2.75
6661.	Making Money From Hens.	\$1.50
6675.	Making Poultry Pay. By Powell. Practical information on poultry keeping.	\$1.75
6676.	The New Egg Farm. By Stoddard. Practical and reliable.	\$1.75
6677.	The Pigeon Book.	75c
6682.	Poultry Diseases. By Wortley. An entirely new work on the subject.	\$1.40
6684.	Profits in Poultry. Useful and ornamental breeds and their profitable management.	\$1.75
6686.	Productive Poultry Husbandry. By Lewis.	\$3.00
6688.	Secrets of Success in Poultry Culture. New. Paper.	75c
6689.	Success with Hens. A complete guide to poultry raising.	\$1.20
6692.	Squabs for Profit. A useful book on pigeon keeping.	\$1.00
6693.	Beginners' Bee Book.	75c
6694.	A. B. C. of Bee Culture. By Root.	\$3.25
6697.	Quinby's New Bee-Keeping. Successful bee-keeping.	\$1.95
	Ducks and Geese.	75c
	Karswood Poultry Culture.	35c
	Poultry Appliances. Best designs in nests, roosts, etc. Fiske.	\$1.00
	Poultry Architecture. Many practical and cheap designs. Fiske.	\$1.00
	Profitable Poultry Production. Kains. How poultry can be made more profitable.	\$1.95
	Progressive Poultry. By Brigham.	\$1.00
	Pigeon Keeping by Amateurs. By Trell.	\$1.00
	Pigeon Diseases. By Squills.	85c
	Pigeon Diseases. By Woods.	\$1.00
	Management of Rabbits. By Davies.	\$1.00
	Brock's Book on Birds.	35c
	Canary Breeding.	35c
	Domestic and Fancy Cats.	50c

Farm Animals, Live Stock, etc.

6704.	Common Diseases of Farm Animals. By Craig.	\$3.00
6711.	First Principles of Feeding Farm Animals. By Burkett. Describes clearly and fully both the science and practice of this important subject.	\$2.20
6713.	Harris on the Pig. Various breeds discussed, management, etc.	\$1.75
6718.	Productive Feeding of Farm Animals. By Woll.	\$3.00
6719.	Productive Horse Husbandry. By Gay.	\$3.00
	Diseases of Swine. The subjects dealt with are based on science.	\$1.40
	Home Pork Making. The art of raising and curing pork.	\$1.00
	Swine Husbandry. Breeding, rearing and management of Swine.	\$1.95
	Success with Hogs.	\$1.50

Dairying and Dairy Farming

	American Dairying.	\$1.00
	Business of Dairying. Presents in a clear and concise manner various business methods and systems which will help the dairyman to reap greater profits.	\$1.95
	Dairyman's Manual. Useful and practical.	\$1.95
	First Lessons in Dairying. By Van Norman. Written in a simple popular way, being free from technical terms, and is easily understood by the average farm boy.	\$1.00
	Milk and its Products.	\$1.00

Drainage and Irrigation

6736.	Irrigation for the Farm, Garden and Orchard. Written for those, who, from painful experience, can readily appreciate the losses which result from the scarcity of water at critical periods.	\$1.75
6737.	Irrigation Farming. By Wilcox. Practical application of water in the production of crops.	\$2.50
6747.	The Right Use of Lime in Soil Improvement. A ready, workable, source of information without the aid of technical assistance.	\$1.35
6749.	Talks on Manures. By Harris.	\$2.20
6750.	The Soil Management. By Prof. King.	\$2.20
	Fertility of the Land, The. Treats the philosophy of farm practice.	\$1.75
	Wealth from the Soil.	\$1.60

Agriculture and Farming

6753.	Rennie's Agriculture in Canada. By Wm. Rennie, Sr. Gives complete information on Farm Work in Canada.	\$1.50
6755.	Alfalfa. Its growth, uses and feeding value. By Coburn.	\$1.00
6757.	The Call of the Land. Popular Topics of interest to farmers.	\$2.20
6760.	Clovers and How to Grow Them. By Shaw. Takes up the entire subject in a systematic way.	\$2.20
6771.	How Crops Feed. A treatise on the atmosphere and the soil, as related in the nutrition of agricultural plants.	\$2.20
6772.	How the Farm Pays. By Henderson.	\$2.00
6773.	Making the Farm Pay. Worth many times its cost.	\$1.60
6775.	Agriculture for Beginners. By Burkett.	85c
6777.	Productive Farm Crops. By Montgomery.	\$3.00
6778.	Silos, Ensilage and Silage. By Miles. A practical book on the ensilage of fodder corn.	\$1.00
	A. B. C. of Agriculture.	75c
	Agriculture for Manitoba & N. W.	40c
	American Farm Book. By Allen.	\$2.10
	Cereals in America. By Prof. Hunt. If you raise five acres of any kind of grain, you cannot afford to be without this book.	\$2.50
	Farm Conveniences. Describes all manner of home-made aids to farm work.	\$1.65
	Farm Appliances. Describing numerous useful and labor-saving appliances which will be found of great value in every department of farm work.	\$1.40
	Fences, Gates and Bridges. A much-needed and valuable work.	\$1.00
	Flax Culture. Contains full directions by experienced growers.	45c
	Forage Crops for Fibre.	\$1.85
	Forage Crops Other than Grasses. By Prof. Shaw. How to cultivate and use them.	\$2.20
	Making Money From the Soil.	\$1.60
	Productive Farming. (Davis)	\$1.00
	Soiling Crops, and the Silo. How to build and fill a Silo, etc.	\$2.20
	Wheat Culture. How to double the yield and increase the profits.	55c
	Young Farmer: Some Things he should know. An extremely valuable guide to the beginner. Hunt.	\$2.20

*GIANT WAVED ORCHID FLOWERED SPENCER
SWEET PEAS*

*1 Pkt. Mixed Colors 15c. 1 Pkt. Each Color shown below \$1.50
1 Oz. Mixed Colors 45c. 1 Oz. Each Color shown below \$9.00*



J.A. SIMMERS, LIMITED
147 KING ST. EAST
TORONTO, CANADA.